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(57) Abstract			
<p>This invention relates to novel human polynucleotides and variants thereof, their encoded polypeptides and variants thereof, to genes corresponding to these polynucleotides and to proteins expressed by the genes. The invention also relates to diagnostic and therapeutic agents employing such novel human polynucleotides, their corresponding genes or gene products, e.g., these genes and proteins, including probes, antisense constructs, and antibodies.</p>			

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## HUMAN GENES AND GENE EXPRESSION PRODUCTS V

Field of the Invention

5 The present invention relates to polynucleotides of human origin and the encoded gene products.

Background of the Invention

10 Identification of novel polynucleotides, particularly those that encode an expressed gene product, is important in the advancement of drug discovery, diagnostic technologies, and the understanding of the progression and nature of complex diseases such as cancer. Identification of genes expressed in different cell types isolated from sources that differ in disease state or stage, developmental stage, exposure to various environmental factors, the tissue of origin, the species from which the tissue was isolated, and the like is key to identifying the genetic factors that are responsible for the phenotypes associated with these various differences.

15 This invention provides novel human polynucleotides, the polypeptides encoded by these polynucleotides, and the genes and proteins corresponding to these novel polynucleotides.

Summary of the Invention

20 This invention relates to novel human polynucleotides and variants thereof, their encoded polypeptides and variants thereof, to genes corresponding to these polynucleotides and to proteins expressed by the genes. The invention also relates to diagnostics and therapeutics comprising such novel human polynucleotides, their corresponding genes or gene products, including probes, antisense nucleotides, and antibodies. The polynucleotides of the invention correspond to a polynucleotide comprising the sequence information of at least one of SEQ ID NOS:1-2707.

Various aspects and embodiments of the invention will be readily apparent to the ordinarily skilled artisan upon reading the description provided herein.

25 Detailed Description of the Invention

The invention relates to polynucleotides comprising the disclosed nucleotide sequences, to full length cDNA, mRNA genomic sequences, and genes corresponding to these sequences and degenerate variants thereof, and to polypeptides encoded by the polynucleotides of the invention and polypeptide variants. The following detailed description describes the polynucleotide compositions encompassed by the invention, methods for obtaining cDNA or genomic DNA encoding a full-length gene product, expression of these polynucleotides and genes, identification of structural motifs of the polynucleotides and genes, identification of the function of a gene product encoded by a gene corresponding to a polynucleotide of the invention, use of the provided polynucleotides as probes and in mapping and in tissue profiling, use of the corresponding polypeptides and other gene

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products to raise antibodies, and use of the polynucleotides and their encoded gene products for therapeutic and diagnostic purposes.

#### Polynucleotide Compositions

The scope of the invention with respect to polynucleotide compositions includes, but is not necessarily limited to, polynucleotides having a sequence set forth in any one of SEQ ID NOS:1-2707; polynucleotides obtained from the biological materials described herein or other biological sources (particularly human sources) by hybridization under stringent conditions (particularly conditions of high stringency); genes corresponding to the provided polynucleotides; variants of the provided polynucleotides and their corresponding genes, particularly those variants that retain a biological activity of the encoded gene product (*e.g.*, a biological activity ascribed to a gene product corresponding to the provided polynucleotides as a result of the assignment of the gene product to a protein family(ies) and/or identification of a functional domain present in the gene product). Other nucleic acid compositions contemplated by and within the scope of the present invention will be readily apparent to one of ordinary skill in the art when provided with the disclosure here.

“Polynucleotide” and “nucleic acid” as used herein with reference to nucleic acids of the composition is not intended to be limiting as to the length or structure of the nucleic acid unless specifically indicated.

The invention features polynucleotides that are expressed in human tissue, specifically human colon, breast, and/or lung tissue. Novel nucleic acid compositions of the invention of particular interest comprise a sequence set forth in any one of SEQ ID NOS:1-2707 or an identifying sequence thereof. An “identifying sequence” is a contiguous sequence of residues at least about 10 nt to about 20 nt in length, usually at least about 50 nt to about 100 nt in length, that uniquely identifies a polynucleotide sequence, *e.g.*, exhibits less than 90%, usually less than about 80% to about 85% sequence identity to any contiguous nucleotide sequence of more than about 20 nt. Thus, the subject novel nucleic acid compositions include full length cDNAs or mRNAs that encompass an identifying sequence of contiguous nucleotides from any one of SEQ ID NOS: 1-2707.

The polynucleotides of the invention also include polynucleotides having sequence similarity or sequence identity. Nucleic acids having sequence similarity are detected by hybridization under low stringency conditions, for example, at 50°C and 10XSSC (0.9 M saline/0.09 M sodium citrate) and remain bound when subjected to washing at 55°C in 1XSSC. Sequence identity can be determined by hybridization under stringent conditions, for example, at 50°C or higher and 0.1XSSC (9 mM saline/0.9 mM sodium citrate). Hybridization methods and conditions are well known in the art, see, *e.g.*, USPN 5,707,829. Nucleic acids that are substantially identical to the provided polynucleotide sequences, *e.g.* allelic variants, genetically altered versions of the gene,

*etc.*, bind to the provided polynucleotide sequences ( SEQ ID NOS:1-2707) under stringent hybridization conditions. By using probes, particularly labeled probes of DNA sequences, one can isolate homologous or related genes. The source of homologous genes can be any species, *e.g.* primate species, particularly human; rodents, such as rats and mice; canines, felines, bovines, ovines, equines, yeast, nematodes, *etc.*

Preferably, hybridization is performed using at least 15 contiguous nucleotides (nt) of at least one of SEQ ID NOS:1-2707. That is, when at least 15 contiguous nt of one of the disclosed SEQ ID NOS. is used as a probe, the probe will preferentially hybridize with a nucleic acid comprising the complementary sequence, allowing the identification and retrieval of the nucleic acids that uniquely hybridize to the selected probe. Probes from more than one SEQ ID NO. can hybridize with the same nucleic acid if the cDNA from which they were derived corresponds to one mRNA. Probes of more than 15 nt can be used, *e.g.*, probes of from about 18 nt to about 100 nt, but 15 nt represents sufficient sequence for unique identification.

The polynucleotides of the invention also include naturally occurring variants of the nucleotide sequences (*e.g.*, degenerate variants, allelic variants, *etc.*). Variants of the polynucleotides of the invention are identified by hybridization of putative variants with nucleotide sequences disclosed herein, preferably by hybridization under stringent conditions. For example, by using appropriate wash conditions, variants of the polynucleotides of the invention can be identified where the allelic variant exhibits at most about 25-30% base pair (bp) mismatches relative to the selected polynucleotide probe. In general, allelic variants contain 15-25% bp mismatches, and can contain as little as even 5-15%, or 2-5%, or 1-2% bp mismatches, as well as a single bp mismatch.

The invention also encompasses homologs corresponding to the polynucleotides of SEQ ID NOS:1-2707, where the source of homologous genes can be any mammalian species, *e.g.*, primate species, particularly human; rodents, such as rats; canines, felines, bovines, ovines, equines, yeast, nematodes, *etc.* Between mammalian species, *e.g.*, human and mouse, homologs generally have substantial sequence similarity, *e.g.*, at least 75% sequence identity, usually at least 90%, more usually at least 95% between nucleotide sequences. Sequence similarity is calculated based on a reference sequence, which may be a subset of a larger sequence, such as a conserved motif, coding region, flanking region, *etc.* A reference sequence will usually be at least about 18 contiguous nt long, more usually at least about 30 nt long, and may extend to the complete sequence that is being compared. Algorithms for sequence analysis are known in the art, such as gapped BLAST, described in Altschul, et al. *Nucleic Acids Res.* (1997) 25:3389-3402.

In general, variants of the invention have a sequence identity greater than at least about 65%, preferably at least about 75%, more preferably at least about 85%, and can be greater than at least about 90% or more as determined by the Smith-Waterman homology search algorithm as

implemented in MPSRCH program (Oxford Molecular). For the purposes of this invention, a preferred method of calculating percent identity is the Smith-Waterman algorithm, using the following. Global DNA sequence identity must be greater than 65% as determined by the Smith-Waterman homology search algorithm as implemented in MPSRCH program (Oxford Molecular)  
5 using an affine gap search with the following search parameters: gap open penalty, 12; and gap extension penalty, 1.

The subject nucleic acids can be cDNAs or genomic DNAs, as well as fragments thereof, particularly fragments that encode a biologically active gene product and/or are useful in the methods disclosed herein (e.g., in diagnosis, as a unique identifier of a differentially expressed gene  
10 of interest, *etc.*). The term "cDNA" as used herein is intended to include all nucleic acids that share the arrangement of sequence elements found in native mature mRNA species, where sequence elements are exons and 3' and 5' non-coding regions. Normally mRNA species have contiguous exons, with the intervening introns, when present, being removed by nuclear RNA splicing, to create a continuous open reading frame encoding a polypeptide of the invention.

15 A genomic sequence of interest comprises the nucleic acid present between the initiation codon and the stop codon, as defined in the listed sequences, including all of the introns that are normally present in a native chromosome. It can further include the 3' and 5' untranslated regions found in the mature mRNA. It can further include specific transcriptional and translational regulatory sequences, such as promoters, enhancers, *etc.*, including about 1 kb, but possibly more, of  
20 flanking genomic DNA at either the 5' and 3' end of the transcribed region. The genomic DNA can be isolated as a fragment of 100 kbp or smaller, and substantially free of flanking chromosomal sequence. The genomic DNA flanking the coding region, either 3' and 5', or internal regulatory sequences as sometimes found in introns, contains sequences required for proper tissue, stage-specific, or disease-state specific expression.

25 The nucleic acid compositions of the subject invention can encode all or a part of the subject polypeptides. Double or single stranded fragments can be obtained from the DNA sequence by chemically synthesizing oligonucleotides in accordance with conventional methods, by restriction enzyme digestion, by PCR amplification, *etc.* Isolated polynucleotides and polynucleotide fragments of the invention comprise at least about 10, about 15, about 20, about 35, about 50, about  
30 100, about 150 to about 200, about 250 to about 300, or about 350 contiguous nt selected from the polynucleotide sequences as shown in SEQ ID NOS:1-2707. For the most part, fragments will be of at least 15 nt, usually at least 18 nt or 25 nt, and up to at least about 50 contiguous nt in length or more. In a preferred embodiment, the polynucleotide molecules comprise a contiguous sequence of at least 12 nt selected from the group consisting of the polynucleotides shown in SEQ ID NOS:1-  
35 2707.

Probes specific to the polynucleotides of the invention can be generated using the polynucleotide sequences disclosed in SEQ ID NOS:1-2707. The probes are preferably at least about a 12, 15, 16, 18, 20, 22, 24, or 25 nt fragment of a corresponding contiguous sequence of SEQ ID NOS:1-2707, and can be less than 2, 1, 0.5, 0.1, or 0.05 kb in length. The probes can be  
5 synthesized chemically or can be generated from longer polynucleotides using restriction enzymes. The probes can be labeled, for example, with a radioactive, biotinylated, or fluorescent tag. Preferably, probes are designed based upon an identifying sequence of a polynucleotide of one of SEQ ID NOS:1-2707. More preferably, probes are designed based on a contiguous sequence of one of the subject polynucleotides that remain unmasked following application of a masking program for  
10 masking low complexity (*e.g.*, XBLAST) to the sequence.. *i.e.*, one would select an unmasked region, as indicated by the polynucleotides outside the poly-n stretches of the masked sequence produced by the masking program.

The polynucleotides of the subject invention are isolated and obtained in substantial purity, generally as other than an intact chromosome. Usually, the polynucleotides, either as DNA or RNA,  
15 will be obtained substantially free of other naturally-occurring nucleic acid sequences, generally being at least about 50%, usually at least about 90% pure and are typically "recombinant", *e.g.*, flanked by one or more nucleotides with which it is not normally associated on a naturally occurring chromosome.

The polynucleotides of the invention can be provided as a linear molecule or within a  
20 circular molecule, and can be provided within autonomously replicating molecules (vectors) or within molecules without replication sequences. Expression of the polynucleotides can be regulated by their own or by other regulatory sequences known in the art. The polynucleotides of the invention can be introduced into suitable host cells using a variety of techniques available in the art, such as transferrin polycation-mediated DNA transfer, transfection with naked or encapsulated  
25 nucleic acids, liposome-mediated DNA transfer, intracellular transportation of DNA-coated latex beads, protoplast fusion, viral infection, electroporation, gene gun, calcium phosphate-mediated transfection, and the like.

The subject nucleic acid compositions can be used to, for example, produce polypeptides, as probes for the detection of mRNA of the invention in biological samples (*e.g.*, extracts of human  
30 cells) to generate additional copies of the polynucleotides, to generate ribozymes or antisense oligonucleotides, and as single stranded DNA probes or as triple-strand forming oligonucleotides. The probes described herein can be used to, for example, determine the presence or absence of the polynucleotide sequences as shown in SEQ ID NOS:1-2707 or variants thereof in a sample. These and other uses are described in more detail below.

Use of Polynucleotides to Obtain Full-Length cDNA, Gene, and Promoter Region

Full-length cDNA molecules comprising the disclosed polynucleotides are obtained as follows. A polynucleotide having a sequence of one of SEQ ID NOS:1-2707, or a portion thereof comprising at least 12, 15, 18, or 20 nt, is used as a hybridization probe to detect hybridizing  
5 members of a cDNA library using probe design methods, cloning methods, and clone selection techniques such as those described in USPN 5,654,173. Libraries of cDNA are made from selected tissues, such as normal or tumor tissue, or from tissues of a mammal treated with, for example, a pharmaceutical agent. Preferably, the tissue is the same as the tissue from which the polynucleotides of the invention were isolated, as both the polynucleotides described herein and the  
10 cDNA represent expressed genes. Most preferably, the cDNA library is made from the biological material described herein in the Examples. The choice of cell type for library construction can be made after the identity of the protein encoded by the gene corresponding to the polynucleotide of the invention is known. This will indicate which tissue and cell types are likely to express the related gene, and thus represent a suitable source for the mRNA for generating the cDNA. Where the  
15 provided polynucleotides are isolated from cDNA libraries, the libraries are prepared from mRNA of human colon cells, more preferably, human colon cancer cells, even more preferably, from a highly metastatic colon cell, Km12L4-A.

Techniques for producing and probing nucleic acid sequence libraries are described, for example, in Sambrook *et al.*, *Molecular Cloning: A Laboratory Manual, 2nd Ed.*, (1989) Cold  
20 Spring Harbor Press, Cold Spring Harbor, NY. The cDNA can be prepared by using primers based on sequence from SEQ ID NOS:1-2707. In one embodiment, the cDNA library can be made from only poly-adenylated mRNA. Thus, poly-T primers can be used to prepare cDNA from the mRNA.

Members of the library that are larger than the provided polynucleotides, and preferably that encompass the complete coding sequence of the native message, are obtained. In order to confirm  
25 that the entire cDNA has been obtained, RNA protection experiments are performed as follows. Hybridization of a full-length cDNA to an mRNA will protect the RNA from RNase degradation. If the cDNA is not full length, then the portions of the mRNA that are not hybridized will be subject to RNase degradation. This is assayed, as is known in the art, by changes in electrophoretic mobility on polyacrylamide gels, or by detection of released monoribonucleotides. Sambrook *et al.*,  
30 *Molecular Cloning: A Laboratory Manual, 2nd Ed.*, (1989) Cold Spring Harbor Press, Cold Spring Harbor, NY. In order to obtain additional sequences 5' to the end of a partial cDNA, 5' RACE (*PCR Protocols: A Guide to Methods and Applications*, (1990) Academic Press, Inc.) can be performed.

Genomic DNA is isolated using the provided polynucleotides in a manner similar to the isolation of full-length cDNAs. Briefly, the provided polynucleotides, or portions thereof, are used  
35 as probes to libraries of genomic DNA. Preferably, the library is obtained from the cell type that

was used to generate the polynucleotides of the invention, but this is not essential. Most preferably, the genomic DNA is obtained from the biological material described herein in the Examples. Such libraries can be in vectors suitable for carrying large segments of a genome, such as P1 or YAC, as described in detail in Sambrook *et al.*, 9.4-9.30. In addition, genomic sequences can be isolated  
5 from human BAC libraries, which are commercially available from Research Genetics, Inc., Huntsville, Alabama, USA, for example. In order to obtain additional 5' or 3' sequences, chromosome walking is performed, as described in Sambrook *et al.*, such that adjacent and overlapping fragments of genomic DNA are isolated. These are mapped and pieced together, as is known in the art, using restriction digestion enzymes and DNA ligase.

10 Using the polynucleotide sequences of the invention, corresponding full-length genes can be isolated using both classical and PCR methods to construct and probe cDNA libraries. Using either method, Northern blots, preferably, are performed on a number of cell types to determine which cell lines express the gene of interest at the highest level. Classical methods of constructing cDNA libraries are taught in Sambrook *et al.*, *supra*. With these methods, cDNA can be produced from  
15 mRNA and inserted into viral or expression vectors. Typically, libraries of mRNA comprising poly(A) tails can be produced with poly(T) primers. Similarly, cDNA libraries can be produced using the instant sequences as primers.

PCR methods are used to amplify the members of a cDNA library that comprise the desired insert. In this case, the desired insert will contain sequence from the full length cDNA that  
20 corresponds to the instant polynucleotides. Such PCR methods include gene trapping and RACE methods. Gene trapping entails inserting a member of a cDNA library into a vector. The vector then is denatured to produce single stranded molecules. Next, a substrate-bound probe, such a biotinylated oligo, is used to trap cDNA inserts of interest. Biotinylated probes can be linked to an avidin-bound solid substrate. PCR methods can be used to amplify the trapped cDNA. To trap  
25 sequences corresponding to the full length genes, the labeled probe sequence is based on the polynucleotide sequences of the invention. Random primers or primers specific to the library vector can be used to amplify the trapped cDNA. Such gene trapping techniques are described in Gruber *et al.*, WO 95/04745 and Gruber *et al.*, USPN 5,500,356. Kits are commercially available to perform gene trapping experiments from, for example, Life Technologies, Gaithersburg, Maryland, USA.

30 "Rapid amplification of cDNA ends," or RACE, is a PCR method of amplifying cDNAs from a number of different RNAs. The cDNAs are ligated to an oligonucleotide linker, and amplified by PCR using two primers. One primer is based on sequence from the instant polynucleotides, for which full length sequence is desired, and a second primer comprises sequence that hybridizes to the oligonucleotide linker to amplify the cDNA. A description of this methods is  
35 reported in WO 97/19110. In preferred embodiments of RACE, a common primer is designed to

anneal to an arbitrary adaptor sequence ligated to cDNA ends (Apte and Siebert, *Biotechniques* (1993) 15:890-893; Edwards *et al.*, *Nuc. Acids Res.* (1991) 19:5227-5232). When a single gene-specific RACE primer is paired with the common primer, preferential amplification of sequences between the single gene specific primer and the common primer occurs. Commercial cDNA pools  
5 modified for use in RACE are available.

Another PCR-based method generates full-length cDNA library with anchored ends without needing specific knowledge of the cDNA sequence. The method uses lock-docking primers (I-VI), where one primer, poly TV (I-III) locks over the polyA tail of eukaryotic mRNA producing first strand synthesis and a second primer, polyGH (IV-VI) locks onto the polyC tail added by terminal  
10 deoxynucleotidyl transferase (TdT)(see, e.g., WO 96/40998).

The promoter region of a gene generally is located 5' to the initiation site for RNA polymerase II. Hundreds of promoter regions contain the "TATA" box, a sequence such as TATTA or TATAA, which is sensitive to mutations. The promoter region can be obtained by performing 5' RACE using a primer from the coding region of the gene. Alternatively, the cDNA can be used as a  
15 probe for the genomic sequence, and the region 5' to the coding region is identified by "walking up." If the gene is highly expressed or differentially expressed, the promoter from the gene can be of use in a regulatory construct for a heterologous gene.

Once the full-length cDNA or gene is obtained, DNA encoding variants can be prepared by site-directed mutagenesis, described in detail in Sambrook *et al.*, 15.3-15.63. The choice of codon or  
20 nucleotide to be replaced can be based on disclosure herein on optional changes in amino acids to achieve altered protein structure and/or function.

As an alternative method to obtaining DNA or RNA from a biological material, nucleic acid comprising nucleotides having the sequence of one or more polynucleotides of the invention can be synthesized. Thus, the invention encompasses nucleic acid molecules ranging in length from 15 nt  
25 (corresponding to at least 15 contiguous nt of one of SEQ ID NOS:1-2707) up to a maximum length suitable for one or more biological manipulations, including replication and expression, of the nucleic acid molecule. The invention includes but is not limited to (a) nucleic acid having the size of a full gene, and comprising at least one of SEQ ID NOS:1-2707; (b) the nucleic acid of (a) also comprising at least one additional gene, operably linked to permit expression of a fusion protein; (c)  
30 an expression vector comprising (a) or (b); (d) a plasmid comprising (a) or (b); and (e) a recombinant viral particle comprising (a) or (b). Once provided with the polynucleotides disclosed herein, construction or preparation of (a) - (e) are well within the skill in the art.

The sequence of a nucleic acid comprising at least 15 contiguous nt of at least any one of SEQ ID NOS:1-2707, preferably the entire sequence of at least any one of SEQ ID NOS:1-2707, is  
35 not limited and can be any sequence of A, T, G, and/or C (for DNA) and A, U, G, and/or C (for



RNA) or modified bases thereof, including inosine and pseudouridine. The choice of sequence will depend on the desired function and can be dictated by coding regions desired, the intron-like regions desired, and the regulatory regions desired. Where the entire sequence of any one of SEQ ID NOS:1-2707 is within the nucleic acid, the nucleic acid obtained is referred to herein as a polynucleotide comprising the sequence of any one of SEQ ID NOS:1-2707.

Expression of Polypeptide Encoded by Full-Length cDNA or Full-Length Gene

The provided polynucleotides (e.g., a polynucleotide having a sequence of one of SEQ ID NOS:1-2707), the corresponding cDNA, or the full-length gene is used to express a partial or complete gene product. Constructs of polynucleotides having sequences of SEQ ID NOS:1-2707 can also be generated synthetically. Alternatively, single-step assembly of a gene and entire plasmid from large numbers of oligodeoxyribonucleotides is described by, e.g., Stemmer *et al.*, *Gene (Amsterdam)* (1995) 164(1):49-53. In this method, assembly PCR (the synthesis of long DNA sequences from large numbers of oligodeoxyribonucleotides (oligos)) is described. The method is derived from DNA shuffling (Stemmer, *Nature* (1994) 370:389-391), and does not rely on DNA ligase, but instead relies on DNA polymerase to build increasingly longer DNA fragments during the assembly process.

Appropriate polynucleotide constructs are purified using standard recombinant DNA techniques as described in, for example, Sambrook *et al.*, *Molecular Cloning: A Laboratory Manual*, 2nd Ed., (1989) Cold Spring Harbor Press, Cold Spring Harbor, NY, and under current regulations described in United States Dept. of HHS, National Institute of Health (NIH) Guidelines for Recombinant DNA Research. The gene product encoded by a polynucleotide of the invention is expressed in any expression system, including, for example, bacterial, yeast, insect, amphibian and mammalian systems. Vectors, host cells and methods for obtaining expression in same are well known in the art. Suitable vectors and host cells are described in USPN 5,654,173.

Polynucleotide molecules comprising a polynucleotide sequence provided herein are generally propagated by placing the molecule in a vector. Viral and non-viral vectors are used, including plasmids. The choice of plasmid will depend on the type of cell in which propagation is desired and the purpose of propagation. Certain vectors are useful for amplifying and making large amounts of the desired DNA sequence. Other vectors are suitable for expression in cells in culture. Still other vectors are suitable for transfer and expression in cells in a whole animal or person. The choice of appropriate vector is well within the skill of the art. Many such vectors are available commercially. Methods for preparation of vectors comprising a desired sequence are well known in the art.

The polynucleotides set forth in SEQ ID NOS:1-2707 or their corresponding full-length polynucleotides are linked to regulatory sequences as appropriate to obtain the desired expression

properties. These can include promoters (attached either at the 5' end of the sense strand or at the 3' end of the antisense strand), enhancers, terminators, operators, repressors, and inducers. The promoters can be regulated or constitutive. In some situations it may be desirable to use conditionally active promoters, such as tissue-specific or developmental stage-specific promoters.

5 These are linked to the desired nucleotide sequence using the techniques described above for linkage to vectors. Any techniques known in the art can be used.

When any of the above host cells, or other appropriate host cells or organisms, are used to replicate and/or express the polynucleotides or nucleic acids of the invention, the resulting replicated nucleic acid, RNA, expressed protein or polypeptide, is within the scope of the invention as a

10 product of the host cell or organism. The product is recovered by any appropriate means known in the art.

Once the gene corresponding to a selected polynucleotide is identified, its expression can be regulated in the cell to which the gene is native. For example, an endogenous gene of a cell can be regulated by an exogenous regulatory sequence as disclosed in USPN 5,641,670.

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#### Identification of Functional and Structural Motifs of Novel Genes Screening Against Publicly Available Databases

Translations of the nucleotide sequence of the provided polynucleotides, cDNAs or full genes can be aligned with individual known sequences. Similarity with individual sequences can be

20 used to determine the activity of the polypeptides encoded by the polynucleotides of the invention. Also, sequences exhibiting similarity with more than one individual sequence can exhibit activities that are characteristic of either or both individual sequences.

The full length sequences and fragments of the polynucleotide sequences of the nearest neighbors can be used as probes and primers to identify and isolate the full length sequence

25 corresponding to provided polynucleotides. The nearest neighbors can indicate a tissue or cell type to be used to construct a library for the full-length sequences corresponding to the provided polynucleotides.

Typically, a selected polynucleotide is translated in all six frames to determine the best alignment with the individual sequences. The sequences disclosed herein in the Sequence Listing are in a 5' to 3' orientation and translation in three frames can be sufficient (with a few specific exceptions as described in the Examples). These amino acid sequences are referred to, generally, as query sequences, which will be aligned with the individual sequences. Databases with individual sequences are described in "Computer Methods for Macromolecular Sequence Analysis" *Methods in Enzymology* (1996) 266, Doolittle, Academic Press, Inc., a division of Harcourt Brace & Co., San

30 Diego, California, USA. Databases include GenBank, EMBL, and DNA Database of Japan (DDBJ).

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Query and individual sequences can be aligned using the methods and computer programs described above, and include BLAST 2.0, available over the world wide web at <http://www.ncbi.nlm.nih.gov/BLAST/>. See also Altschul, et al. *Nucleic Acids Res.* (1997) 25:3389-3402. Another alignment algorithm is Fasta, available in the Genetics Computing Group (GCG) package, Madison, Wisconsin, USA, a wholly owned subsidiary of Oxford Molecular Group, Inc. Other techniques for alignment are described in Doolittle, *supra*. Preferably, an alignment program that permits gaps in the sequence is utilized to align the sequences. The Smith-Waterman is one type of algorithm that permits gaps in sequence alignments. See *Meth. Mol. Biol.* (1997) 70: 173-187. Also, the GAP program using the Needleman and Wunsch alignment method can be utilized to align sequences. An alternative search strategy uses MPSRCH software, which runs on a MASPAC computer. MPSRCH uses a Smith-Waterman algorithm to score sequences on a massively parallel computer. This approach improves ability to identify sequences that are distantly related matches, and is especially tolerant of small gaps and nucleotide sequence errors. Amino acid sequences encoded by the provided polynucleotides can be used to search both protein and DNA databases.

Incorporated herein by reference are all sequences that have been made public as of the filing date of this application by any of the DNA or protein sequence databases, including the patent databases (e.g., GeneSeq). Also incorporated by reference are those sequences that have been submitted to these databases as of the filing date of the present application but not made public until after the filing date of the present application.

Results of individual and query sequence alignments can be divided into three categories: high similarity, weak similarity, and no similarity. Individual alignment results ranging from high similarity to weak similarity provide a basis for determining polypeptide activity and/or structure. Parameters for categorizing individual results include: percentage of the alignment region length where the strongest alignment is found, percent sequence identity, and p value. The percentage of the alignment region length is calculated by counting the number of residues of the individual sequence found in the region of strongest alignment, e.g., contiguous region of the individual sequence that contains the greatest number of residues that are identical to the residues of the corresponding region of the aligned query sequence. This number is divided by the total residue length of the query sequence to calculate a percentage. For example, a query sequence of 20 amino acid residues might be aligned with a 20 amino acid region of an individual sequence. The individual sequence might be identical to amino acid residues 5, 9-15, and 17-19 of the query sequence. The region of strongest alignment is thus the region stretching from residue 9-19, an 11 amino acid stretch. The percentage of the alignment region length is: 11 (length of the region of strongest alignment) divided by (query sequence length) 20 or 55%.

Percent sequence identity is calculated by counting the number of amino acid matches between the query and individual sequence and dividing total number of matches by the number of residues of the individual sequences found in the region of strongest alignment. Thus, the percent identity in the example above would be 10 matches divided by 11 amino acids, or approximately, 90.9%

P value is the probability that the alignment was produced by chance. For a single alignment, the p value can be calculated according to Karlin *et al.*, *Proc. Natl. Acad. Sci.* (1990) 87:2264 and Karlin *et al.*, *Proc. Natl. Acad. Sci.* (1993) 90. The p value of multiple alignments using the same query sequence can be calculated using an heuristic approach described in Altschul *et al.*, *Nat. Genet.* (1994) 6:119. Alignment programs such as BLAST program can calculate the p value. See also Altschul *et al.*, *Nucleic Acids Res.* (1997) 25:3389-3402.

Another factor to consider for determining identity or similarity is the location of the similarity or identity. Strong local alignment can indicate similarity even if the length of alignment is short. Sequence identity scattered throughout the length of the query sequence also can indicate a similarity between the query and profile sequences. The boundaries of the region where the sequences align can be determined according to Doolittle, *supra*; BLAST 2.0 (see, *e.g.*, Altschul, *et al.* *Nucleic Acids Res.* (1997) 25:3389-3402) or FAST programs; or by determining the area where sequence identity is highest.

High Similarity. In general, in alignment results considered to be of high similarity, the percent of the alignment region length is typically at least about 55% of total length query sequence; more typically, at least about 58%; even more typically; at least about 60% of the total residue length of the query sequence. Usually, percent length of the alignment region can be as much as about 62%; more usually, as much as about 64%; even more usually, as much as about 66%. Further, for high similarity, the region of alignment, typically, exhibits at least about 75% of sequence identity; more typically, at least about 78%; even more typically; at least about 80% sequence identity. Usually, percent sequence identity can be as much as about 82%; more usually, as much as about 84%; even more usually, as much as about 86%.

The p value is used in conjunction with these methods. If high similarity is found, the query sequence is considered to have high similarity with a profile sequence when the p value is less than or equal to about  $10^{-2}$ ; more usually; less than or equal to about  $10^{-3}$ ; even more usually; less than or equal to about  $10^{-4}$ . More typically, the p value is no more than about  $10^{-5}$ ; more typically; no more than or equal to about  $10^{-10}$ ; even more typically; no more than or equal to about  $10^{-15}$  for the query sequence to be considered high similarity.

Weak Similarity. In general, where alignment results considered to be of weak similarity, there is no minimum percent length of the alignment region nor minimum length of alignment. A better showing of weak similarity is considered when the region of alignment is, typically, at least about 15 amino acid residues in length; more typically, at least about 20; even more typically: at  
 5 least about 25 amino acid residues in length. Usually, length of the alignment region can be as much as about 30 amino acid residues; more usually, as much as about 40; even more usually, as much as about 60 amino acid residues. Further, for weak similarity, the region of alignment, typically, exhibits at least about 35% of sequence identity; more typically, at least about 40%; even more typically: at least about 45% sequence identity. Usually, percent sequence identity can be as much  
 10 as about 50%; more usually, as much as about 55%; even more usually, as much as about 60%.

If low similarity is found, the query sequence is considered to have weak similarity with a profile sequence when the p value is usually less than or equal to about  $10^{-2}$ ; more usually: less than or equal to about  $10^{-3}$ ; even more usually; less than or equal to about  $10^{-4}$ . More typically, the p value is no more than about  $10^{-5}$ ; more usually; no more than or equal to about  $10^{-10}$ ; even more  
 15 usually; no more than or equal to about  $10^{-15}$  for the query sequence to be considered weak similarity.

Similarity Determined by Sequence Identity Alone. Sequence identity alone can be used to determine similarity of a query sequence to an individual sequence and can indicate the activity of the sequence. Such an alignment, preferably, permits gaps to align sequences. Typically, the query  
 20 sequence is related to the profile sequence if the sequence identity over the entire query sequence is at least about 15%; more typically, at least about 20%; even more typically, at least about 25%; even more typically, at least about 50%. Sequence identity alone as a measure of similarity is most useful when the query sequence is usually, at least 80 residues in length; more usually, 90 residues; even more usually, at least 95 amino acid residues in length. More typically, similarity can be concluded  
 25 based on sequence identity alone when the query sequence is preferably 100 residues in length; more preferably, 120 residues in length; even more preferably, 150 amino acid residues in length.

Alignments with Profile and Multiple Aligned Sequences. Translations of the provided polynucleotides can be aligned with amino acid profiles that define either protein families or common motifs. Also, translations of the provided polynucleotides can be aligned to multiple  
 30 sequence alignments (MSA) comprising the polypeptide sequences of members of protein families or motifs. Similarity or identity with profile sequences or MSAs can be used to determine the activity of the gene products (*e.g.*, polypeptides) encoded by the provided polynucleotides or

corresponding cDNA or genes. For example, sequences that show an identity or similarity with a chemokine profile or MSA can exhibit chemokine activities.

Profiles can be designed manually by (1) creating an MSA, which is an alignment of the amino acid sequence of members that belong to the family and (2) constructing a statistical representation of the alignment. Such methods are described, for example, in Birney *et al.*, *Nucl. Acid Res.* (1996) 24(14): 2730-2739. MSAs of some protein families and motifs are publicly available. For example, <http://genome.wustl.edu/Pfam/> includes MSAs of 547 different families and motifs. These MSAs are described also in Sonnhammer *et al.*, *Proteins* (1997) 28: 405-420. Other sources over the world wide web include the site at <http://www.embl-heidelberg.de/argos/ali/ali.html>; alternatively, a message can be sent to [ALI@EMBL-HEIDELBERG.DE](mailto:ALI@EMBL-HEIDELBERG.DE) for the information. A brief description of these MSAs is reported in Pascarella *et al.*, *Prot. Eng.* (1996) 9(3):249-251. Techniques for building profiles from MSAs are described in Sonnhammer *et al.*, *supra*; Birney *et al.*, *supra*; and "Computer Methods for Macromolecular Sequence Analysis," *Methods in Enzymology* (1996) 266. Doolittle, Academic Press, Inc., San Diego, California, USA.

Similarity between a query sequence and a protein family or motif can be determined by (a) comparing the query sequence against the profile and/or (b) aligning the query sequence with the members of the family or motif. Typically, a program such as Searchwise is used to compare the query sequence to the statistical representation of the multiple alignment, also known as a profile (see Birney *et al.*, *supra*). Other techniques to compare the sequence and profile are described in Sonnhammer *et al.*, *supra* and Doolittle, *supra*.

Next, methods described by Feng *et al.*, *J. Mol. Evol.* (1987) 25:351 and Higgins *et al.*, *CABIOS* (1989) 5:151 can be used to align the query sequence with the members of a family or motif, also known as a MSA. Sequence alignments can be generated using any of a variety of software tools. Examples include PileUp, which creates a multiple sequence alignment, and is described in Feng *et al.*, *J. Mol. Evol.* (1987) 25:351. Another method, GAP, uses the alignment method of Needleman *et al.*, *J. Mol. Biol.* (1970) 48:443. GAP is best suited for global alignment of sequences. A third method, BestFit, functions by inserting gaps to maximize the number of matches using the local homology algorithm of Smith *et al.*, *Adv. Appl. Math.* (1981) 2:482. In general, the following factors are used to determine if a similarity between a query sequence and a profile or MSA exists: (1) number of conserved residues found in the query sequence, (2) percentage of conserved residues found in the query sequence, (3) number of frameshifts, and (4) spacing between conserved residues.

Some alignment programs that both translate and align sequences can make any number of frameshifts when translating the nucleotide sequence to produce the best alignment. The fewer frameshifts needed to produce an alignment, the stronger the similarity or identity between the query and profile or MSAs. For example, a weak similarity resulting from no frameshifts can be a better

indication of activity or structure of a query sequence, than a strong similarity resulting from two frameshifts. Preferably, three or fewer frameshifts are found in an alignment; more preferably two or fewer frameshifts; even more preferably, one or fewer frameshifts; even more preferably, no frameshifts are found in an alignment of query and profile or MSAs.

5 Conserved residues are those amino acids found at a particular position in all or some of the family or motif members. Alternatively, a position is considered conserved if only a certain class of amino acids is found in a particular position in all or some of the family members. For example, the N-terminal position can contain a positively charged amino acid, such as lysine, arginine, or histidine.

10 Typically, a residue of a polypeptide is conserved when a class of amino acids or a single amino acid is found at a particular position in at least about 40% of all class members; more typically, at least about 50%; even more typically, at least about 60% of the members. Usually, a residue is conserved when a class or single amino acid is found in at least about 70% of the members of a family or motif; more usually, at least about 80%; even more usually, at least about 90%; even  
15 more usually, at least about 95%.

A residue is considered conserved when three unrelated amino acids are found at a particular position in the some or all of the members; more usually, two unrelated amino acids. These residues are conserved when the unrelated amino acids are found at particular positions in at least about 40% of all class member; more typically, at least about 50%; even more typically, at least about 60% of  
20 the members. Usually, a residue is conserved when a class or single amino acid is found in at least about 70% of the members of a family or motif; more usually, at least about 80%; even more usually, at least about 90%; even more usually, at least about 95%.

A query sequence has similarity to a profile or MSA when the query sequence comprises at least about 25% of the conserved residues of the profile or MSA; more usually, at least about 30%;  
25 even more usually; at least about 40%. Typically, the query sequence has a stronger similarity to a profile sequence or MSA when the query sequence comprises at least about 45% of the conserved residues of the profile or MSA; more typically, at least about 50%; even more typically; at least about 55%.

#### Identification of Secreted & Membrane-Bound Polypeptides

30 Both secreted and membrane-bound polypeptides of the present invention are of particular interest. For example, levels of secreted polypeptides can be assayed in body fluids that are convenient, such as blood, plasma, serum, and other body fluids such as urine, prostatic fluid and semen. Membrane-bound polypeptides are useful for constructing vaccine antigens or inducing an immune response. Such antigens would comprise all or part of the extracellular region of the  
35 membrane-bound polypeptides. Because both secreted and membrane-bound polypeptides comprise

a fragment of contiguous hydrophobic amino acids. hydrophobicity predicting algorithms can be used to identify such polypeptides.

A signal sequence is usually encoded by both secreted and membrane-bound polypeptide genes to direct a polypeptide to the surface of the cell. The signal sequence usually comprises a stretch of hydrophobic residues. Such signal sequences can fold into helical structures. Membrane-bound polypeptides typically comprise at least one transmembrane region that possesses a stretch of hydrophobic amino acids that can transverse the membrane. Some transmembrane regions also exhibit a helical structure. Hydrophobic fragments within a polypeptide can be identified by using computer algorithms. Such algorithms include Hopp & Woods, *Proc. Natl. Acad. Sci. USA* (1981) 78:3824-3828; Kyte & Doolittle, *J. Mol. Biol.* (1982) 157: 105-132; and RAOAR algorithm. Degli Esposti *et al.*, *Eur. J. Biochem.* (1990) 190: 207-219.

Another method of identifying secreted and membrane-bound polypeptides is to translate the polynucleotides of the invention in all six frames and determine if at least 8 contiguous hydrophobic amino acids are present. Those translated polypeptides with at least 8; more typically, 10; even more typically, 12 contiguous hydrophobic amino acids are considered to be either a putative secreted or membrane bound polypeptide. Hydrophobic amino acids include alanine, glycine, histidine, isoleucine, leucine, lysine, methionine, phenylalanine, proline, threonine, tryptophan, tyrosine, and valine.

#### Identification of the Function of an Expression Product of a Full-Length Gene

Ribozymes, antisense constructs, and dominant negative mutants can be used to determine function of the expression product of a gene corresponding to a polynucleotide provided herein. These methods and compositions are particularly useful where the provided novel polynucleotide exhibits no significant or substantial homology to a sequence encoding a gene of known function. Antisense molecules and ribozymes can be constructed from synthetic polynucleotides. Typically, the phosphoramidite method of oligonucleotide synthesis is used. See Beaucage *et al.*, *Tet. Lett.* (1981) 22:1859 and USPN 4,668,777. Automated devices for synthesis are available to create oligonucleotides using this chemistry. Examples of such devices include Biosearch 8600. Models 392 and 394 by Applied Biosystems, a division of Perkin-Elmer Corp., Foster City, California, USA; and Expedite by Perceptive Biosystems, Framingham, Massachusetts, USA. Synthetic RNA, phosphate analog oligonucleotides, and chemically derivatized oligonucleotides can also be produced, and can be covalently attached to other molecules. RNA oligonucleotides can be synthesized, for example, using RNA phosphoramidites. This method can be performed on an automated synthesizer, such as Applied Biosystems, Models 392 and 394, Foster City, California, USA.



Phosphorothioate oligonucleotides can also be synthesized for antisense construction. A sulfurizing reagent, such as tetraethylthiuram disulfide (TETD) in acetonitrile can be used to convert the internucleotide cyanoethyl phosphite to the phosphorothioate triester within 15 minutes at room temperature. TETD replaces the iodine reagent, while all other reagents used for standard  
5 phosphoramidite chemistry remain the same. Such a synthesis method can be automated using Models 392 and 394 by Applied Biosystems, for example.

Oligonucleotides of up to 200 nt can be synthesized, more typically, 100 nt, more typically 50 nt; even more typically 30 to 40 nt. These synthetic fragments can be annealed and ligated together to construct larger fragments. See, for example, Sambrook *et al.*, *supra*. Trans-cleaving  
10 catalytic RNAs (ribozymes) are RNA molecules possessing endoribonuclease activity. Ribozymes are specifically designed for a particular target, and the target message must contain a specific nucleotide sequence. They are engineered to cleave any RNA species site-specifically in the background of cellular RNA. The cleavage event renders the mRNA unstable and prevents protein expression. Importantly, ribozymes can be used to inhibit expression of a gene of unknown  
15 function for the purpose of determining its function in an in vitro or in vivo context, by detecting the phenotypic effect. One commonly used ribozyme motif is the hammerhead, for which the substrate sequence requirements are minimal. Design of the hammerhead ribozyme, as well as therapeutic uses of ribozymes, are disclosed in Usman *et al.*, *Current Opin. Struct. Biol.* (1996) 6:527. Methods for production of ribozymes, including hairpin structure ribozyme fragments,  
20 methods of increasing ribozyme specificity, and the like are known in the art.

The hybridizing region of the ribozyme can be modified or can be prepared as a branched structure as described in Horn and Urdea, *Nucleic Acids Res.* (1989) 17:6959. The basic structure of the ribozymes can also be chemically altered in ways familiar to those skilled in the art, and chemically synthesized ribozymes can be administered as synthetic oligonucleotide derivatives  
25 modified by monomeric units. In a therapeutic context, liposome mediated delivery of ribozymes improves cellular uptake, as described in Birikh *et al.*, *Eur. J. Biochem.* (1997) 245:1.

Antisense nucleic acids are designed to specifically bind to RNA, resulting in the formation of RNA-DNA or RNA-RNA hybrids, with an arrest of DNA replication, reverse transcription or messenger RNA translation. Antisense polynucleotides based on a selected polynucleotide sequence  
30 can interfere with expression of the corresponding gene. Antisense polynucleotides are typically generated within the cell by expression from antisense constructs that contain the antisense strand as the transcribed strand. Antisense polynucleotides based on the disclosed polynucleotides will bind and/or interfere with the translation of mRNA comprising a sequence complementary to the antisense polynucleotide. The expression products of control cells and cells treated with the  
35 antisense construct are compared to detect the protein product of the gene corresponding to the

polynucleotide upon which the antisense construct is based. The protein is isolated and identified using routine biochemical methods.

Given the extensive background literature and clinical experience in antisense therapy, one skilled in the art can use selected polynucleotides of the invention as additional potential  
5 therapeutics. The choice of polynucleotide can be narrowed by first testing them for binding to "hot spot" regions of the genome of cancerous cells. If a polynucleotide is identified as binding to a "hot spot", testing the polynucleotide as an antisense compound in the corresponding cancer cells is warranted.

As an alternative method for identifying function of the gene corresponding to a  
10 polynucleotide disclosed herein, dominant negative mutations are readily generated for corresponding proteins that are active as homomultimers. A mutant polypeptide will interact with wild-type polypeptides (made from the other allele) and form a non-functional multimer. Thus, a mutation is in a substrate-binding domain, a catalytic domain, or a cellular localization domain. Preferably, the mutant polypeptide will be overproduced. Point mutations are made that have such  
15 an effect. In addition, fusion of different polypeptides of various lengths to the terminus of a protein can yield dominant negative mutants. General strategies are available for making dominant negative mutants (see, e.g., Herskowitz, *Nature* (1987) 329:219). Such techniques can be used to create loss of function mutations, which are useful for determining protein function.

#### Polypeptides and Variants Thereof

20 The polypeptides of the invention include those encoded by the disclosed polynucleotides, as well as nucleic acids that, by virtue of the degeneracy of the genetic code, are not identical in sequence to the disclosed polynucleotides. Thus, the invention includes within its scope a polypeptide encoded by a polynucleotide having the sequence of any one of SEQ ID NOS:1-2707 or a variant thereof.

25 In general, the term "polypeptide" as used herein refers to both the full length polypeptide encoded by the recited polynucleotide, the polypeptide encoded by the gene represented by the recited polynucleotide, as well as portions or fragments thereof. "Polypeptides" also includes variants of the naturally occurring proteins, where such variants are homologous or substantially similar to the naturally occurring protein, and can be of an origin of the same or different species as  
30 the naturally occurring protein (e.g., human, murine, or some other species that naturally expresses the recited polypeptide, usually a mammalian species). In general, variant polypeptides have a sequence that has at least about 80%, usually at least about 90%, and more usually at least about 98% sequence identity with a differentially expressed polypeptide of the invention, as measured by BLAST 2.0 using the parameters described above. The variant polypeptides can be naturally or non-

naturally glycosylated, *i.e.*, the polypeptide has a glycosylation pattern that differs from the glycosylation pattern found in the corresponding naturally occurring protein.

The invention also encompasses homologs of the disclosed polypeptides (or fragments thereof) where the homologs are isolated from other species, *i.e.* other animal or plant species, where such homologs, usually mammalian species, *e.g.* rodents, such as mice, rats; domestic animals, *e.g.*, horse, cow, dog, cat; and humans. By "homolog" is meant a polypeptide having at least about 35%, usually at least about 40% and more usually at least about 60% amino acid sequence identity to a particular differentially expressed protein as identified above, where sequence identity is determined using the BLAST 2.0 algorithm, with the parameters described *supra*.

In general, the polypeptides of the subject invention are provided in a non-naturally occurring environment, *e.g.* are separated from their naturally occurring environment. In certain embodiments, the subject protein is present in a composition that is enriched for the protein as compared to a control. As such, purified polypeptide is provided, where by purified is meant that the protein is present in a composition that is substantially free of non-differentially expressed polypeptides, where by substantially free is meant that less than 90%, usually less than 60% and more usually less than 50% of the composition is made up of non-differentially expressed polypeptides.

Also within the scope of the invention are variants; variants of polypeptides include mutants, fragments, and fusions. Mutants can include amino acid substitutions, additions or deletions. The amino acid substitutions can be conservative amino acid substitutions or substitutions to eliminate non-essential amino acids, such as to alter a glycosylation site, a phosphorylation site or an acetylation site, or to minimize misfolding by substitution or deletion of one or more cysteine residues that are not necessary for function. Conservative amino acid substitutions are those that preserve the general charge, hydrophobicity/ hydrophilicity, and/or steric bulk of the amino acid substituted. Variants can be designed so as to retain or have enhanced biological activity of a particular region of the protein (*e.g.*, a functional domain and/or, where the polypeptide is a member of a protein family, a region associated with a consensus sequence). Selection of amino acid alterations for production of variants can be based upon the accessibility (interior vs. exterior) of the amino acid (see, *e.g.*, Go *et al.*, *Int. J. Peptide Protein Res.* (1980) 15:211), the thermostability of the variant polypeptide (see, *e.g.*, Querol *et al.*, *Prot. Eng.* (1996) 9:265), desired glycosylation sites (see, *e.g.*, Olsen and Thomsen, *J. Gen. Microbiol.* (1991) 137:579), desired disulfide bridges (see, *e.g.*, Clarke *et al.*, *Biochemistry* (1993) 32:4322; and Wakarchuk *et al.*, *Protein Eng.* (1994) 7:1379), desired metal binding sites (see, *e.g.*, Toma *et al.*, *Biochemistry* (1991) 30:97, and Haezebrouck *et al.*, *Protein Eng.* (1993) 6:643), and desired substitutions with in proline loops (see, *e.g.*, Masul *et*

*al., Appl. Env. Microbiol.* (1994) 60:3579). Cysteine-depleted muteins can be produced as disclosed in USPN 4.959.314.

Variants also include fragments of the polypeptides disclosed herein, particularly biologically active fragments and/or fragments corresponding to functional domains. Fragments of interest will typically be at least about 10 aa to at least about 15 aa in length, usually at least about 50 aa in length, and can be as long as 300 aa in length or longer, but will usually not exceed about 1000 aa in length, where the fragment will have a stretch of amino acids that is identical to a polypeptide encoded by a polynucleotide having a sequence of any SEQ ID NOS:1-2707, or a homolog thereof. The protein variants described herein are encoded by polynucleotides that are within the scope of the invention. The genetic code can be used to select the appropriate codons to construct the corresponding variants.

#### Computer-Related Embodiments

In general, a library of polynucleotides is a collection of sequence information, which information is provided in either biochemical form (*e.g.*, as a collection of polynucleotide molecules), or in electronic form (*e.g.*, as a collection of polynucleotide sequences stored in a computer-readable form, as in a computer system and/or as part of a computer program). The sequence information of the polynucleotides can be used in a variety of ways, *e.g.*, as a resource for gene discovery, as a representation of sequences expressed in a selected cell type (*e.g.*, cell type markers), and/or as markers of a given disease or disease state. In general, a disease marker is a representation of a gene product that is present in all cells affected by disease either at an increased or decreased level relative to a normal cell (*e.g.*, a cell of the same or similar type that is not substantially affected by disease). For example, a polynucleotide sequence in a library can be a polynucleotide that represents an mRNA, polypeptide, or other gene product encoded by the polynucleotide, that is either overexpressed or underexpressed in a breast ductal cell affected by cancer relative to a normal (*i.e.*, substantially disease-free) breast cell.

The nucleotide sequence information of the library can be embodied in any suitable form, *e.g.*, electronic or biochemical forms. For example, a library of sequence information embodied in electronic form comprises an accessible computer data file (or, in biochemical form, a collection of nucleic acid molecules) that contains the representative nucleotide sequences of genes that are differentially expressed (*e.g.*, overexpressed or underexpressed) as between, for example, i) a cancerous cell and a normal cell; ii) a cancerous cell and a dysplastic cell; iii) a cancerous cell and a cell affected by a disease or condition other than cancer; iv) a metastatic cancerous cell and a normal cell and/or non-metastatic cancerous cell; v) a malignant cancerous cell and a non-malignant cancerous cell (or a normal cell) and/or vi) a dysplastic cell relative to a normal cell. Other combinations and comparisons of cells affected by various diseases or stages of disease will be

readily apparent to the ordinarily skilled artisan. Biochemical embodiments of the library include a collection of nucleic acids that have the sequences of the genes in the library, where the nucleic acids can correspond to the entire gene in the library or to a fragment thereof, as described in greater detail below.

5           The polynucleotide libraries of the subject invention generally comprise sequence information of a plurality of polynucleotide sequences, where at least one of the polynucleotides has a sequence of any of SEQ ID NOS:1-2707. By plurality is meant at least 2, usually at least 3 and can include up to all of SEQ ID NOS:1-2707. The length and number of polynucleotides in the library will vary with the nature of the library, *e.g.*, if the library is an oligonucleotide array, a cDNA  
10   array, a computer database of the sequence information, etc.

          Where the library is an electronic library, the nucleic acid sequence information can be present in a variety of media. "Media" refers to a manufacture, other than an isolated nucleic acid molecule, that contains the sequence information of the present invention. Such a manufacture provides the genome sequence or a subset thereof in a form that can be examined by means not  
15   directly applicable to the sequence as it exists in a nucleic acid. For example, the nucleotide sequence of the present invention, *e.g.* the nucleic acid sequences of any of the polynucleotides of SEQ ID NOS:1-2707, can be recorded on computer readable media, *e.g.* any medium that can be read and accessed directly by a computer. Such media include, but are not limited to: magnetic storage media, such as a floppy disc, a hard disc storage medium, and a magnetic tape; optical  
20   storage media such as CD-ROM; electrical storage media such as RAM and ROM; and hybrids of these categories such as magnetic/optical storage media. One of skill in the art can readily appreciate how any of the presently known computer readable mediums can be used to create a manufacture comprising a recording of the present sequence information. "Recorded" refers to a process for storing information on computer readable medium, using any such methods as known in  
25   the art. Any convenient data storage structure can be chosen, based on the means used to access the stored information. A variety of data processor programs and formats can be used for storage, *e.g.* word processing text file, database format, *etc.* In addition to the sequence information, electronic versions of the libraries of the invention can be provided in conjunction or connection with other computer-readable information and/or other types of computer-readable files (*e.g.*, searchable files, executable files, *etc.*, including, but not limited to, for example, search program software, *etc.*).  
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          By providing the nucleotide sequence in computer readable form, the information can be accessed for a variety of purposes. Computer software to access sequence information is publicly available. For example, the gapped BLAST (Altschul *et al. Nucleic Acids Res.* (1997) 25:3389-3402) and BLAZE (Brutlag *et al. Comp. Chem.* (1993) 17:203) search algorithms on a Sybase

system can be used to identify open reading frames (ORFs) within the genome that contain homology to ORFs from other organisms.

As used herein, "a computer-based system" refers to the hardware means, software means, and data storage means used to analyze the nucleotide sequence information of the present invention. The minimum hardware of the computer-based systems of the present invention comprises a central processing unit (CPU), input means, output means, and data storage means. A skilled artisan can readily appreciate that any one of the currently available computer-based systems are suitable for use in the present invention. The data storage means can comprise any manufacture comprising a recording of the present sequence information as described above, or a memory access means that can access such a manufacture.

"Search means" refers to one or more programs implemented on the computer-based system, to compare a target sequence or target structural motif, or expression levels of a polynucleotide in a sample, with the stored sequence information. Search means can be used to identify fragments or regions of the genome that match a particular target sequence or target motif. A variety of known algorithms are publicly known and commercially available, e.g. MacPattern (EMBL), BLASTN and BLASTX (NCBI). A "target sequence" can be any polynucleotide or amino acid sequence of six or more contiguous nucleotides or two or more amino acids, preferably from about 10 to 100 amino acids or from about 30 to 300 nt. A variety of comparing means can be used to accomplish comparison of sequence information from a sample (e.g., to analyze target sequences, target motifs, or relative expression levels) with the data storage means. A skilled artisan can readily recognize that any one of the publicly available homology search programs can be used as the search means for the computer based systems of the present invention to accomplish comparison of target sequences and motifs. Computer programs to analyze expression levels in a sample and in controls are also known in the art.

A "target structural motif," or "target motif," refers to any rationally selected sequence or combination of sequences in which the sequence(s) are chosen based on a three-dimensional configuration that is formed upon the folding of the target motif, or on consensus sequences of regulatory or active sites. There are a variety of target motifs known in the art. Protein target motifs include, but are not limited to, enzyme active sites and signal sequences. Nucleic acid target motifs include, but are not limited to, hairpin structures, promoter sequences and other expression elements such as binding sites for transcription factors.

A variety of structural formats for the input and output means can be used to input and output the information in the computer-based systems of the present invention. One format for an output means ranks the relative expression levels of different polynucleotides. Such presentation

provides a skilled artisan with a ranking of relative expression levels to determine a gene expression profile. .

As discussed above, the "library" of the invention also encompasses biochemical libraries of the polynucleotides of SEQ ID NOS:1-2707 . *e.g.*, collections of nucleic acids representing the provided polynucleotides. The biochemical libraries can take a variety of forms, *e.g.*, a solution of cDNAs, a pattern of probe nucleic acids stably associated with a surface of a solid support (*i.e.*, an array) and the like. Of particular interest are nucleic acid arrays in which one or more of SEQ ID NOS:1-2707 is represented on the array. By array is meant a an article of manufacture that has at least a substrate with at least two distinct nucleic acid targets on one of its surfaces, where the number of distinct nucleic acids can be considerably higher, typically being at least 10 nt, usually at least 20 nt and often at least 25 nt. A variety of different array formats have been developed and are known to those of skill in the art. The arrays of the subject invention find use in a variety of applications, including gene expression analysis, drug screening, mutation analysis and the like, as disclosed in the above-listed exemplary patent documents.

In addition to the above nucleic acid libraries, analogous libraries of polypeptides are also provided, where the where the polypeptides of the library will represent at least a portion of the polypeptides encoded by SEQ ID NOS:1-2707.

#### Utilities

##### Use of Polynucleotide Probes in Mapping, and in Tissue Profiling

Polynucleotide probes, generally comprising at least 12 contiguous nt of a polynucleotide as shown in the Sequence Listing, are used for a variety of purposes, such as chromosome mapping of the polynucleotide and detection of transcription levels. Additional disclosure about preferred regions of the disclosed polynucleotide sequences is found in the Examples. A probe that hybridizes specifically to a polynucleotide disclosed herein should provide a detection signal at least 5-, 10-, or 20-fold higher than the background hybridization provided with other unrelated sequences.

Detection of Expression Levels. Nucleotide probes are used to detect expression of a gene corresponding to the provided polynucleotide. In Northern blots, mRNA is separated electrophoretically and contacted with a probe. A probe is detected as hybridizing to an mRNA species of a particular size. The amount of hybridization is quantitated to determine relative amounts of expression, for example under a particular condition. Probes are used for in situ hybridization to cells to detect expression. Probes can also be used *in vivo* for diagnostic detection of hybridizing sequences. Probes are typically labeled with a radioactive isotope. Other types of detectable labels can be used such as chromophores, fluors, and enzymes. Other examples of nucleotide hybridization assays are described in WO92/02526 and USPN 5,124,246.

Alternatively, the Polymerase Chain Reaction (PCR) is another means for detecting small amounts of target nucleic acids (see, e.g., Mullis *et al.*, *Meth. Enzymol.* (1987) 155:335; USPN 4.683,195; and USPN 4.683,202). Two primer polynucleotides nucleotides that hybridize with the target nucleic acids are used to prime the reaction. The primers can be composed of sequence within or 3' and 5' to the polynucleotides of the Sequence Listing. Alternatively, if the primers are 3' and 5' to these polynucleotides, they need not hybridize to them or the complements. After amplification of the target with a thermostable polymerase, the amplified target nucleic acids can be detected by methods known in the art, e.g., Southern blot. mRNA or cDNA can also be detected by traditional blotting techniques (e.g., Southern blot, Northern blot, etc.) described in Sambrook *et al.*, "Molecular Cloning: A Laboratory Manual" (New York, Cold Spring Harbor Laboratory, 1989) (e.g., without PCR amplification). In general, mRNA or cDNA generated from mRNA using a polymerase enzyme can be purified and separated using gel electrophoresis, and transferred to a solid support, such as nitrocellulose. The solid support is exposed to a labeled probe, washed to remove any unhybridized probe, and duplexes containing the labeled probe are detected.

Mapping. Polynucleotides of the present invention can be used to identify a chromosome on which the corresponding gene resides. Such mapping can be useful in identifying the function of the polynucleotide-related gene by its proximity to other genes with known function. Function can also be assigned to the polynucleotide-related gene when particular syndromes or diseases map to the same chromosome. For example, use of polynucleotide probes in identification and quantification of nucleic acid sequence aberrations is described in USPN 5,783,387. An exemplary mapping method is fluorescence in situ hybridization (FISH), which facilitates comparative genomic hybridization to allow total genome assessment of changes in relative copy number of DNA sequences (see, e.g., Valdes *et al.*, *Methods in Molecular Biology* (1997) 68:1). Polynucleotides can also be mapped to particular chromosomes using, for example, radiation hybrids or chromosome-specific hybrid panels. See Leach *et al.*, *Advances in Genetics*, (1995) 33:63-99; Walter *et al.*, *Nature Genetics* (1994) 7:22; Walter and Goodfellow, *Trends in Genetics* (1992) 9:352. Panels for radiation hybrid mapping are available from Research Genetics, Inc., Huntsville, Alabama, USA. Databases for markers using various panels are available via the world wide web at <http://F/shgc-www.stanford.edu>; and <http://www-genome.wi.mit.edu/cgi-bin/contig/rhmapper.pl>. The statistical program RHMAP can be used to construct a map based on the data from radiation hybridization with a measure of the relative likelihood of one order versus another. RHMAP is available via the world wide web at <http://www.sph.umich.edu/group/statgen/software>. In addition, commercial programs are available for identifying regions of chromosomes commonly associated with disease, such as cancer.



Tissue Typing or Profiling. Expression of specific mRNA corresponding to the provided polynucleotides can vary in different cell types and can be tissue-specific. This variation of mRNA levels in different cell types can be exploited with nucleic acid probe assays to determine tissue types. For example, PCR, branched DNA probe assays, or blotting techniques utilizing nucleic acid probes substantially identical or complementary to polynucleotides listed in the Sequence Listing can determine the presence or absence of the corresponding cDNA or mRNA.

Tissue typing can be used to identify the developmental organ or tissue source of a metastatic lesion by identifying the expression of a particular marker of that organ or tissue. If a polynucleotide is expressed only in a specific tissue type, and a metastatic lesion is found to express that polynucleotide, then the developmental source of the lesion has been identified. Expression of a particular polynucleotide can be assayed by detection of either the corresponding mRNA or the protein product. As would be readily apparent to any forensic scientist, the sequences disclosed herein are useful in differentiating human tissue from non-human tissue. In particular, these sequences are useful to differentiate human tissue from bird, reptile, and amphibian tissue, for example.

Use of Polymorphisms. A polynucleotide of the invention can be used in forensics, genetic analysis, mapping, and diagnostic applications where the corresponding region of a gene is polymorphic in the human population. Any means for detecting a polymorphism in a gene can be used, including, but not limited to electrophoresis of protein polymorphic variants, differential sensitivity to restriction enzyme cleavage, and hybridization to allele-specific probes.

#### Antibody Production

Expression products of a polynucleotide of the invention, as well as the corresponding mRNA, cDNA, or complete gene, can be prepared and used for raising antibodies for experimental, diagnostic, and therapeutic purposes. For polynucleotides to which a corresponding gene has not been assigned, this provides an additional method of identifying the corresponding gene. The polynucleotide or related cDNA is expressed as described above, and antibodies are prepared. These antibodies are specific to an epitope on the polypeptide encoded by the polynucleotide, and can precipitate or bind to the corresponding native protein in a cell or tissue preparation or in a cell-free extract of an in vitro expression system.

Methods for production of antibodies that specifically bind a selected antigen are well known in the art. Immunogens for raising antibodies can be prepared by mixing a polypeptide encoded by a polynucleotide of the invention with an adjuvant, and/or by making fusion proteins with larger immunogenic proteins. Polypeptides can also be covalently linked to other larger immunogenic proteins, such as keyhole limpet hemocyanin. Immunogens are typically administered intradermally, subcutaneously, or intramuscularly to experimental animals such as rabbits, sheep,

and mice, to generate antibodies. Monoclonal antibodies can be generated by isolating spleen cells and fusing myeloma cells to form hybridomas. Alternatively, the selected polynucleotide is administered directly, such as by intramuscular injection, and expressed in vivo. The expressed protein generates a variety of protein-specific immune responses, including  
5 production of antibodies, comparable to administration of the protein.

Preparations of polyclonal and monoclonal antibodies specific for polypeptides encoded by a selected polynucleotide are made using standard methods known in the art. The antibodies specifically bind to epitopes present in the polypeptides encoded by polynucleotides disclosed in the Sequence Listing. Typically, at least 6, 8, 10, or 12 contiguous amino acids are required to form an  
10 epitope. Epitopes that involve non-contiguous amino acids may require a longer polypeptide, e.g., at least 15, 25, or 50 amino acids. Antibodies that specifically bind to human polypeptides encoded by the provided polypeptides should provide a detection signal at least 5-, 10-, or 20-fold higher than a detection signal provided with other proteins when used in Western blots or other immunochemical assays. Preferably, antibodies that specifically polypeptides of the invention do not bind to other  
15 proteins in immunochemical assays at detectable levels and can immunoprecipitate the specific polypeptide from solution.

The invention also contemplates naturally occurring antibodies specific for a polypeptide of the invention. For example, serum antibodies to a polypeptide of the invention in a human population can be purified by methods well known in the art, e.g., by passing antiserum over a  
20 column to which the corresponding selected polypeptide or fusion protein is bound. The bound antibodies can then be eluted from the column, for example using a buffer with a high salt concentration.

In addition to the antibodies discussed above, the invention also contemplates genetically engineered antibodies, antibody derivatives (e.g., single chain antibodies, antibody fragments (e.g., Fab, etc.)), according to methods well known in the art.  
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#### Polynucleotides or Arrays for Diagnostics

Polynucleotide arrays provide a high throughput technique that can assay a large number of polynucleotide sequences in a sample. This technology can be used as a diagnostic and as a tool to test for differential expression, e.g., to determine function of an encoded protein. Arrays can be  
30 created by spotting polynucleotide probes onto a substrate (e.g., glass, nitrocellulose, etc.) in a two-dimensional matrix or array having bound probes. The probes can be bound to the substrate by either covalent bonds or by non-specific interactions, such as hydrophobic interactions. Samples of polynucleotides can be detectably labeled (e.g., using radioactive or fluorescent labels) and then hybridized to the probes. Double stranded polynucleotides, comprising the labeled sample  
35 polynucleotides bound to probe polynucleotides, can be detected once the unbound portion of the

sample is washed away. Techniques for constructing arrays and methods of using these arrays are described in EP 799 897; WO 97/29212; WO 97/27317; EP 785 280; WO 97/02357; USPN 5.593.839; USPN 5,578.832; EP 728 520; USPN 5,599.695; EP 721 016; USPN 5,556,752; WO 95/22058; and USPN 5.631.734. Arrays can be used to, for example, examine differential  
5 expression of genes and can be used to determine gene function. For example, arrays can be used to detect differential expression of a polynucleotide between a test cell and control cell (*e.g.*, cancer cells and normal cells). For example, high expression of a particular message in a cancer cell, which is not observed in a corresponding normal cell, can indicate a cancer specific gene product. Exemplary uses of arrays are further described in, for example, Pappalarado *et al.*, *Sem. Radiation*  
10 *Oncol.* (1998) 8:217; and Ramsay *Nature Biotechnol.* (1998) 16:40.

#### Differential Expression in Diagnosis

The polynucleotides of the invention can also be used to detect differences in expression levels between two cells, *e.g.*, as a method to identify abnormal or diseased tissue in a human. For polynucleotides corresponding to profiles of protein families, the choice of tissue can be selected  
15 according to the putative biological function. In general, the expression of a gene corresponding to a specific polynucleotide is compared between a first tissue that is suspected of being diseased and a second, normal tissue of the human. The tissue suspected of being abnormal or diseased can be derived from a different tissue type of the human, but preferably it is derived from the same tissue type; for example an intestinal polyp or other abnormal growth should be compared with normal  
20 intestinal tissue. The normal tissue can be the same tissue as that of the test sample, or any normal tissue of the patient, especially those that express the polynucleotide-related gene of interest (*e.g.*, brain, thymus, testis, heart, prostate, placenta, spleen, small intestine, skeletal muscle, pancreas, and the mucosal lining of the colon). A difference between the polynucleotide-related gene, mRNA, or protein in the two tissues which are compared, for example in molecular weight, amino acid or  
25 nucleotide sequence, or relative abundance, indicates a change in the gene, or a gene which regulates it, in the tissue of the human that was suspected of being diseased. Examples of detection of differential expression and its use in diagnosis of cancer are described in USPNs 5,688,641 and 5,677,125.

A genetic predisposition to disease in a human can also be detected by comparing  
30 expression levels of an mRNA or protein corresponding to a polynucleotide of the invention in a fetal tissue with levels associated in normal fetal tissue. Fetal tissues that are used for this purpose include, but are not limited to, amniotic fluid, chorionic villi, blood, and the blastomere of an in vitro-fertilized embryo. The comparable normal polynucleotide-related gene is obtained from any tissue. The mRNA or protein is obtained from a normal tissue of a human in which the  
35 polynucleotide-related gene is expressed. Differences such as alterations in the nucleotide sequence

or size of the same product of the fetal polynucleotide-related gene or mRNA, or alterations in the molecular weight, amino acid sequence, or relative abundance of fetal protein, can indicate a germline mutation in the polynucleotide-related gene of the fetus, which indicates a genetic predisposition to disease. In general, diagnostic, prognostic, and other methods of the invention based on differential expression involve detection of a level or amount of a gene product, particularly a differentially expressed gene product, in a test sample obtained from a patient suspected of having or being susceptible to a disease (e.g., breast cancer, lung cancer, colon cancer and/or metastatic forms thereof), and comparing the detected levels to those levels found in normal cells (e.g., cells substantially unaffected by cancer) and/or other control cells (e.g., to differentiate a cancerous cell from a cell affected by dysplasia). Furthermore, the severity of the disease can be assessed by comparing the detected levels of a differentially expressed gene product with those levels detected in samples representing the levels of differentially gene product associated with varying degrees of severity of disease. It should be noted that use of the term "diagnostic" herein is not necessarily meant to exclude "prognostic" or "prognosis," but rather is used as a matter of convenience.

The term "differentially expressed gene" is generally intended to encompass a polynucleotide that can, for example, include an open reading frame encoding a gene product (e.g., a polypeptide), and/or introns of such genes and adjacent 5' and 3' non-coding nucleotide sequences involved in the regulation of expression, up to about 20 kb beyond the coding region, but possibly further in either direction. The gene can be introduced into an appropriate vector for extrachromosomal maintenance or for integration into a host genome. In general, a difference in expression level associated with a decrease in expression level of at least about 25%, usually at least about 50% to 75%, more usually at least about 90% or more is indicative of a differentially expressed gene of interest, *i.e.*, a gene that is underexpressed or down-regulated in the test sample relative to a control sample. Furthermore, a difference in expression level associated with an increase in expression of at least about 25%, usually at least about 50% to 75%, more usually at least about 90% and can be at least about 1 ½-fold, usually at least about 2-fold to about 10-fold, and can be about 100-fold to about 1,000-fold increase relative to a control sample is indicative of a differentially expressed gene of interest, *i.e.*, an overexpressed or up-regulated gene.

"Differentially expressed polynucleotide" as used herein means a nucleic acid molecule (RNA or DNA) comprising a sequence that represents a differentially expressed gene, *e.g.*, the differentially expressed polynucleotide comprises a sequence (e.g., an open reading frame encoding a gene product) that uniquely identifies a differentially expressed gene so that detection of the differentially expressed polynucleotide in a sample is correlated with the presence of a differentially expressed gene in a sample. "Differentially expressed polynucleotides" is also meant to encompass

fragments of the disclosed polynucleotides, *e.g.*, fragments retaining biological activity, as well as nucleic acids homologous, substantially similar, or substantially identical (*e.g.*, having about 90% sequence identity) to the disclosed polynucleotides.

"Diagnosis" as used herein generally includes determination of a subject's susceptibility to a disease or disorder, determination as to whether a subject is presently affected by a disease or disorder, as well as to the prognosis of a subject affected by a disease or disorder (*e.g.*, identification of pre-metastatic or metastatic cancerous states, stages of cancer, or responsiveness of cancer to therapy). The present invention particularly encompasses diagnosis of subjects in the context of breast cancer (*e.g.*, carcinoma in situ (*e.g.*, ductal carcinoma in situ), estrogen receptor (ER)-positive breast cancer, ER-negative breast cancer, or other forms and/or stages of breast cancer), lung cancer (*e.g.*, small cell carcinoma, non-small cell carcinoma, mesothelioma, and other forms and/or stages of lung cancer), and colon cancer (*e.g.*, adenomatous polyp, colorectal carcinoma, and other forms and/or stages of colon cancer).

"Sample" or "biological sample" as used throughout here are generally meant to refer to samples of biological fluids or tissues, particularly samples obtained from tissues, especially from cells of the type associated with the disease for which the diagnostic application is designed (*e.g.*, ductal adenocarcinoma), and the like. "Samples" is also meant to encompass derivatives and fractions of such samples (*e.g.*, cell lysates). Where the sample is solid tissue, the cells of the tissue can be dissociated or tissue sections can be analyzed.

Methods of the subject invention useful in diagnosis or prognosis typically involve comparison of the abundance of a selected differentially expressed gene product in a sample of interest with that of a control to determine any relative differences in the expression of the gene product, where the difference can be measured qualitatively and/or quantitatively. Quantitation can be accomplished, for example, by comparing the level of expression product detected in the sample with the amounts of product present in a standard curve. A comparison can be made visually: by using a technique such as densitometry, with or without computerized assistance; by preparing a representative library of cDNA clones of mRNA isolated from a test sample, sequencing the clones in the library to determine that number of cDNA clones corresponding to the same gene product, and analyzing the number of clones corresponding to that same gene product relative to the number of clones of the same gene product in a control sample; or by using an array to detect relative levels of hybridization to a selected sequence or set of sequences, and comparing the hybridization pattern to that of a control. The differences in expression are then correlated with the presence or absence of an abnormal expression pattern. A variety of different methods for determining the nucleic acid abundance in a sample are known to those of skill in the art (see, *e.g.*, WO 97/27317). In general, diagnostic assays of the invention involve detection of a gene product of a the polynucleotide

sequence (e.g., mRNA or polypeptide) that corresponds to a sequence of SEQ ID NOS:1-2707. The patient from whom the sample is obtained can be apparently healthy, susceptible to disease (e.g., as determined by family history or exposure to certain environmental factors), or can already be identified as having a condition in which altered expression of a gene product of the invention is implicated.

Diagnosis can be determined based on detected gene product expression levels of a gene product encoded by at least one, preferably at least two or more, at least 3 or more, or at least 4 or more of the polynucleotides having a sequence set forth in SEQ ID NOS:1-2707, and can involve detection of expression of genes corresponding to all of SEQ ID NOS:1-2707 and/or additional sequences that can serve as additional diagnostic markers and/or reference sequences. Where the diagnostic method is designed to detect the presence or susceptibility of a patient to cancer, the assay preferably involves detection of a gene product encoded by a gene corresponding to a polynucleotide that is differentially expressed in cancer. Examples of such differentially expressed polynucleotides are described in the Examples below. Given the provided polynucleotides and information regarding their relative expression levels provided herein, assays using such polynucleotides and detection of their expression levels in diagnosis and prognosis will be readily apparent to the ordinarily skilled artisan.

Any of a variety of detectable labels can be used in connection with the various embodiments of the diagnostic methods of the invention. Suitable detectable labels include fluorochromes, (e.g. fluorescein isothiocyanate (FITC), rhodamine, Texas Red, phycoerythrin, allophycocyanin, 6-carboxyfluorescein (6-FAM), 2',7'-dimethoxy-4',5'-dichloro-6-carboxyfluorescein, 6-carboxy-X-rhodamine (ROX), 6-carboxy-2',4',7',4,7-hexachlorofluorescein (HEX), 5-carboxyfluorescein (5-FAM) or N,N,N',N'-tetramethyl-6-carboxyrhodamine (TAMRA)), radioactive labels, (e.g.  $^{32}\text{P}$ ,  $^{35}\text{S}$ ,  $^3\text{H}$ , etc.), and the like. The detectable label can involve a two stage systems (e.g., biotin-avidin, hapten-anti-hapten antibody, etc.)

Reagents specific for the polynucleotides and polypeptides of the invention, such as antibodies and nucleotide probes, can be supplied in a kit for detecting the presence of an expression product in a biological sample. The kit can also contain buffers or labeling components, as well as instructions for using the reagents to detect and quantify expression products in the biological sample. Exemplary embodiments of the diagnostic methods of the invention are described below in more detail.

Polypeptide detection in diagnosis. In one embodiment, the test sample is assayed for the level of a differentially expressed polypeptide. Diagnosis can be accomplished using any of a number of methods to determine the absence or presence or altered amounts of the differentially expressed polypeptide in the test sample. For example, detection can utilize staining of cells or

histological sections with labeled antibodies, performed in accordance with conventional methods. Cells can be permeabilized to stain cytoplasmic molecules. In general, antibodies that specifically bind a differentially expressed polypeptide of the invention are added to a sample, and incubated for a period of time sufficient to allow binding to the epitope, usually at least about 10 minutes. The antibody can be detectably labeled for direct detection (*e.g.*, using radioisotopes, enzymes, fluorescers, chemilumescers, and the like), or can be used in conjunction with a second stage antibody or reagent to detect binding (*e.g.*, biotin with horseradish peroxidase-conjugated avidin, a secondary antibody conjugated to a fluorescent compound, *e.g.* fluorescein, rhodamine, Texas red, *etc.*). The absence or presence of antibody binding can be determined by various methods, including flow cytometry of dissociated cells, microscopy, radiography, scintillation counting, *etc.* Any suitable alternative methods can of qualitative or quantitative detection of levels or amounts of differentially expressed polypeptide can be used, for example ELISA, western blot, immunoprecipitation, radioimmunoassay, *etc.*

mRNA detection. The diagnostic methods of the invention can also or alternatively involve detection of mRNA encoded by a gene corresponding to a differentially expressed polynucleotides of the invention. Any suitable qualitative or quantitative methods known in the art for detecting specific mRNAs can be used. mRNA can be detected by, for example, *in situ* hybridization in tissue sections, by reverse transcriptase-PCR, or in Northern blots containing poly A+ mRNA. One of skill in the art can readily use these methods to determine differences in the size or amount of mRNA transcripts between two samples. mRNA expression levels in a sample can also be determined by generation of a library of expressed sequence tags (ESTs) from the sample, where the EST library is representative of sequences present in the sample (Adams, et al., (1991) *Science* 252:1651). Enumeration of the relative representation of ESTs within the library can be used to approximate the relative representation of the gene transcript within the starting sample. The results of EST analysis of a test sample can then be compared to EST analysis of a reference sample to determine the relative expression levels of a selected polynucleotide, particularly a polynucleotide corresponding to one or more of the differentially expressed genes described herein. Alternatively, gene expression in a test sample can be performed using serial analysis of gene expression (SAGE) methodology (*e.g.*, Velculescu et al., *Science* (1995) 270:484) or differential display (DD) methodology (*see, e.g.*, U.S. 5,776,683; and U.S. 5,807,680).

Alternatively, gene expression can be analyzed using hybridization analysis. Oligonucleotides or cDNA can be used to selectively identify or capture DNA or RNA of specific sequence composition, and the amount of RNA or cDNA hybridized to a known capture sequence determined qualitatively or quantitatively, to provide information about the relative representation of a particular message within the pool of cellular messages in a sample. Hybridization analysis can be

designed to allow for concurrent screening of the relative expression of hundreds to thousands of genes by using, for example, array-based technologies having high density formats, including filters, microscope slides, or microchips, or solution-based technologies that use spectroscopic analysis (e.g., mass spectrometry). One exemplary use of arrays in the diagnostic methods of the invention is described below in more detail.

Use of a single gene in diagnostic applications. The diagnostic methods of the invention can focus on the expression of a single differentially expressed gene. For example, the diagnostic method can involve detecting a differentially expressed gene, or a polymorphism of such a gene (e.g., a polymorphism in an coding region or control region), that is associated with disease. Disease-associated polymorphisms can include deletion or truncation of the gene, mutations that alter expression level and/or affect activity of the encoded protein, *etc.*

A number of methods are available for analyzing nucleic acids for the presence of a specific sequence, e.g. a disease associated polymorphism. Where large amounts of DNA are available, genomic DNA is used directly. Alternatively, the region of interest is cloned into a suitable vector and grown in sufficient quantity for analysis. Cells that express a differentially expressed gene can be used as a source of mRNA, which can be assayed directly or reverse transcribed into cDNA for analysis. The nucleic acid can be amplified by conventional techniques, such as the polymerase chain reaction (PCR), to provide sufficient amounts for analysis, and a detectable label can be included in the amplification reaction (e.g., using a detectably labeled primer or detectably labeled oligonucleotides) to facilitate detection. Alternatively, various methods are also known in the art that utilize oligonucleotide ligation as a means of detecting polymorphisms, see e.g., Riley *et al.*, *Nucl. Acids Res.* (1990) 18:2887; and Delahunty *et al.*, *Am. J. Hum. Genet.* (1996) 58:1239.

The amplified or cloned sample nucleic acid can be analyzed by one of a number of methods known in the art. The nucleic acid can be sequenced by dideoxy or other methods, and the sequence of bases compared to a selected sequence, e.g., to a wild-type sequence. Hybridization with the polymorphic or variant sequence can also be used to determine its presence in a sample (e.g., by Southern blot, dot blot, *etc.*). The hybridization pattern of a polymorphic or variant sequence and a control sequence to an array of oligonucleotide probes immobilized on a solid support, as described in US 5,445,934, or in WO 95/35505, can also be used as a means of identifying polymorphic or variant sequences associated with disease. Single strand conformational polymorphism (SSCP) analysis, denaturing gradient gel electrophoresis (DGGE), and heteroduplex analysis in gel matrices are used to detect conformational changes created by DNA sequence variation as alterations in electrophoretic mobility. Alternatively, where a polymorphism creates or destroys a recognition site for a restriction endonuclease, the sample is digested with that endonuclease, and the products size



fractionated to determine whether the fragment was digested. Fractionation is performed by gel or capillary electrophoresis, particularly acrylamide or agarose gels.

Screening for mutations in a gene can be based on the functional or antigenic characteristics of the protein. Protein truncation assays are useful in detecting deletions that can affect the biological activity of the protein. Various immunoassays designed to detect polymorphisms in proteins can be used in screening. Where many diverse genetic mutations lead to a particular disease phenotype, functional protein assays have proven to be effective screening tools. The activity of the encoded protein can be determined by comparison with the wild-type protein.

Pattern matching in diagnosis using arrays. In another embodiment, the diagnostic and/or prognostic methods of the invention involve detection of expression of a selected set of genes in a test sample to produce a test expression pattern (TEP). The TEP is compared to a reference expression pattern (REP), which is generated by detection of expression of the selected set of genes in a reference sample (*e.g.*, a positive or negative control sample). The selected set of genes includes at least one of the genes of the invention, which genes correspond to the polynucleotide sequences of SEQ ID NOS:1-2707. Of particular interest is a selected set of genes that includes gene differentially expressed in the disease for which the test sample is to be screened.

"Reference sequences" or "reference polynucleotides" as used herein in the context of differential gene expression analysis and diagnosis/prognosis refers to a selected set of polynucleotides, which selected set includes at least one or more of the differentially expressed polynucleotides described herein. A plurality of reference sequences, preferably comprising positive and negative control sequences, can be included as reference sequences. Additional suitable reference sequences are found in GenBank, Unigene, and other nucleotide sequence databases (including, *e.g.*, expressed sequence tag (EST), partial, and full-length sequences).

"Reference array" means an array having reference sequences for use in hybridization with a sample, where the reference sequences include all, at least one of, or any subset of the differentially expressed polynucleotides described herein. Usually such an array will include at least 3 different reference sequences, and can include any one or all of the provided differentially expressed sequences. Arrays of interest can further comprise sequences, including polymorphisms, of other genetic sequences, particularly other sequences of interest for screening for a disease or disorder (*e.g.*, cancer, dysplasia, or other related or unrelated diseases, disorders, or conditions). The oligonucleotide sequence on the array will usually be at least about 12 nt in length, and can be of about the length of the provided sequences, or can extend into the flanking regions to generate fragments of 100 nt to 200 nt in length or more. Reference arrays can be produced according to any suitable methods known in the art. For example, methods of producing large arrays of oligonucleotides are described in U.S. 5,134,854, and U.S. 5,445,934 using light-directed synthesis

techniques. Using a computer controlled system, a heterogeneous array of monomers is converted, through simultaneous coupling at a number of reaction sites, into a heterogeneous array of polymers. Alternatively, microarrays are generated by deposition of pre-synthesized oligonucleotides onto a solid substrate, for example as described in PCT published application no. WO 95/35505.

5 A "reference expression pattern" or "REP" as used herein refers to the relative levels of expression of a selected set of genes, particularly of differentially expressed genes, that is associated with a selected cell type, *e.g.*, a normal cell, a cancerous cell, a cell exposed to an environmental stimulus, and the like. A "test expression pattern" or "TEP" refers to relative levels of expression of a selected set of genes, particularly of differentially expressed genes, in a test sample (*e.g.*, a cell of  
10 unknown or suspected disease state, from which mRNA is isolated).

REPs can be generated in a variety of ways according to methods well known in the art. For example, REPs can be generated by hybridizing a control sample to an array having a selected set of polynucleotides (particularly a selected set of differentially expressed polynucleotides), acquiring the hybridization data from the array, and storing the data in a format that allows for ready  
15 comparison of the REP with a TEP. Alternatively, all expressed sequences in a control sample can be isolated and sequenced, *e.g.*, by isolating mRNA from a control sample, converting the mRNA into cDNA, and sequencing the cDNA. The resulting sequence information roughly or precisely reflects the identity and relative number of expressed sequences in the sample. The sequence information can then be stored in a format (*e.g.*, a computer-readable format) that allows for ready  
20 comparison of the REP with a TEP. The REP can be normalized prior to or after data storage, and/or can be processed to selectively remove sequences of expressed genes that are of less interest or that might complicate analysis (*e.g.*, some or all of the sequences associated with housekeeping genes can be eliminated from REP data).

TEPs can be generated in a manner similar to REPs, *e.g.*, by hybridizing a test sample to an  
25 array having a selected set of polynucleotides, particularly a selected set of differentially expressed polynucleotides, acquiring the hybridization data from the array, and storing the data in a format that allows for ready comparison of the TEP with a REP. The REP and TEP to be used in a comparison can be generated simultaneously, or the TEP can be compared to previously generated and stored REPs.

30 In one embodiment of the invention, comparison of a TEP with a REP involves hybridizing a test sample with a reference array, where the reference array has one or more reference sequences for use in hybridization with a sample. The reference sequences include all, at least one of, or any subset of the differentially expressed polynucleotides described herein. Hybridization data for the test sample is acquired, the data normalized, and the produced TEP compared with a REP generated  
35 using an array having the same or similar selected set of differentially expressed polynucleotides.

Probes that correspond to sequences differentially expressed between the two samples will show decreased or increased hybridization efficiency for one of the samples relative to the other.

Methods for collection of data from hybridization of samples with a reference arrays are well known in the art. For example, the polynucleotides of the reference and test samples can be  
5 generated using a detectable fluorescent label, and hybridization of the polynucleotides in the samples detected by scanning the microarrays for the presence of the detectable label using, for example, a microscope and light source for directing light at a substrate. A photon counter detects fluorescence from the substrate, while an x-y translation stage varies the location of the substrate. A confocal detection device that can be used in the subject methods is described in USPN 5,631,734.  
10 A scanning laser microscope is described in Shalon et al., *Genome Res.* (1996) 6:639. A scan, using the appropriate excitation line, is performed for each fluorophore used. The digital images generated from the scan are then combined for subsequent analysis. For any particular array element, the ratio of the fluorescent signal from one sample (e.g., a test sample) is compared to the fluorescent signal from another sample (e.g., a reference sample), and the relative signal intensity  
15 determined.

Methods for analyzing the data collected from hybridization to arrays are well known in the art. For example, where detection of hybridization involves a fluorescent label, data analysis can include the steps of determining fluorescent intensity as a function of substrate position from the data collected, removing outliers, i.e. data deviating from a predetermined statistical distribution,  
20 and calculating the relative binding affinity of the targets from the remaining data. The resulting data can be displayed as an image with the intensity in each region varying according to the binding affinity between targets and probes.

In general, the test sample is classified as having a gene expression profile corresponding to that associated with a disease or non-disease state by comparing the TEP generated from the test  
25 sample to one or more REPs generated from reference samples (e.g., from samples associated with cancer or specific stages of cancer, dysplasia, samples affected by a disease other than cancer, normal samples, etc.). The criteria for a match or a substantial match between a TEP and a REP include expression of the same or substantially the same set of reference genes, as well as expression of these reference genes at substantially the same levels (e.g., no significant difference between the  
30 samples for a signal associated with a selected reference sequence after normalization of the samples, or at least no greater than about 25% to about 40% difference in signal strength for a given reference sequence. In general, a pattern match between a TEP and a REP includes a match in expression, preferably a match in qualitative or quantitative expression level, of at least one of, all or any subset of the differentially expressed genes of the invention.

Pattern matching can be performed manually, or can be performed using a computer program. Methods for preparation of substrate matrices (e.g., arrays), design of oligonucleotides for use with such matrices, labeling of probes, hybridization conditions, scanning of hybridized matrices, and analysis of patterns generated, including comparison analysis, are described in, for example, U.S. 5,800,992.

#### Diagnosis, Prognosis and Management of Cancer

The polynucleotides of the invention and their gene products are of particular interest as genetic or biochemical markers (e.g., in blood or tissues) that will detect the earliest changes along the carcinogenesis pathway and/or to monitor the efficacy of various therapies and preventive interventions. For example, the level of expression of certain polynucleotides can be indicative of a poorer prognosis, and therefore warrant more aggressive chemo- or radio-therapy for a patient or vice versa. The correlation of novel surrogate tumor specific features with response to treatment and outcome in patients can define prognostic indicators that allow the design of tailored therapy based on the molecular profile of the tumor. These therapies include antibody targeting and gene therapy. Determining expression of certain polynucleotides and comparison of a patient's profile with known expression in normal tissue and variants of the disease allows a determination of the best possible treatment for a patient, both in terms of specificity of treatment and in terms of comfort level of the patient. Surrogate tumor markers, such as polynucleotide expression, can also be used to better classify, and thus diagnose and treat, different forms and disease states of cancer. Two classifications widely used in oncology that can benefit from identification of the expression levels of the polynucleotides of the invention are staging of the cancerous disorder, and grading the nature of the cancerous tissue.

The polynucleotides of the invention can be useful to monitor patients having or susceptible to cancer to detect potentially malignant events at a molecular level before they are detectable at a gross morphological level. Furthermore, a polynucleotide of the invention identified as important for one type of cancer can also have implications for development or risk of development of other types of cancer, e.g., where a polynucleotide is differentially expressed across various cancer types. Thus, for example, expression of a polynucleotide that has clinical implications for metastatic colon cancer can also have clinical implications for stomach cancer or endometrial cancer.

Staging. Staging is a process used by physicians to describe how advanced the cancerous state is in a patient. Staging assists the physician in determining a prognosis, planning treatment and evaluating the results of such treatment. Staging systems vary with the types of cancer, but generally involve the following "TNM" system: the type of tumor, indicated by T; whether the cancer has metastasized to nearby lymph nodes, indicated by N; and whether the cancer has metastasized to more distant parts of the body, indicated by M. Generally, if a cancer is only detectable in the area

of the primary lesion without having spread to any lymph nodes it is called Stage I. If it has spread only to the closest lymph nodes, it is called Stage II. In Stage III, the cancer has generally spread to the lymph nodes in near proximity to the site of the primary lesion. Cancers that have spread to a distant part of the body, such as the liver, bone, brain or other site, are Stage IV, the most advanced stage.

The polynucleotides of the invention can facilitate fine-tuning of the staging process by identifying markers for the aggressivity of a cancer, *e.g.* the metastatic potential, as well as the presence in different areas of the body. Thus, a Stage II cancer with a polynucleotide signifying a high metastatic potential cancer can be used to change a borderline Stage II tumor to a Stage III tumor, justifying more aggressive therapy. Conversely, the presence of a polynucleotide signifying a lower metastatic potential allows more conservative staging of a tumor.

Grading of cancers. Grade is a term used to describe how closely a tumor resembles normal tissue of its same type. The microscopic appearance of a tumor is used to identify tumor grade based on parameters such as cell morphology, cellular organization, and other markers of differentiation.

As a general rule, the grade of a tumor corresponds to its rate of growth or aggressiveness, with undifferentiated or high-grade tumors being more aggressive than well differentiated or low-grade tumors. The following guidelines are generally used for grading tumors: 1) GX Grade cannot be assessed; 2) G1 Well differentiated; G2 Moderately well differentiated; 3) G3 Poorly differentiated; 4) G4 Undifferentiated. The polynucleotides of the invention can be especially valuable in determining the grade of the tumor, as they not only can aid in determining the differentiation status of the cells of a tumor, they can also identify factors other than differentiation that are valuable in determining the aggressiveness of a tumor, such as metastatic potential.

Detection of lung cancer. The polynucleotides of the invention can be used to detect lung cancer in a subject. Although there are more than a dozen different kinds of lung cancer, the two main types of lung cancer are small cell and nonsmall cell, which encompass about 90% of all lung cancer cases. Small cell carcinoma (also called oat cell carcinoma) usually starts in one of the larger bronchial tubes, grows fairly rapidly, and is likely to be large by the time of diagnosis. Nonsmall cell lung cancer (NSCLC) is made up of three general subtypes of lung cancer. Epidermoid carcinoma (also called squamous cell carcinoma) usually starts in one of the larger bronchial tubes and grows relatively slowly. The size of these tumors can range from very small to quite large. Adenocarcinoma starts growing near the outside surface of the lung and can vary in both size and growth rate. Some slowly growing adenocarcinomas are described as alveolar cell cancer. Large cell carcinoma starts near the surface of the lung, grows rapidly, and the growth is usually fairly large when diagnosed. Other less common forms of lung cancer are carcinoid, cylindroma, mucoepidermoid, and malignant mesothelioma.

The polynucleotides of the invention, e.g., polynucleotides differentially expressed in normal cells versus cancerous lung cells (e.g., tumor cells of high or low metastatic potential) or between types of cancerous lung cells (e.g., high metastatic versus low metastatic), can be used to distinguish types of lung cancer as well as identifying traits specific to a certain patient's cancer and selecting an appropriate therapy. For example, if the patient's biopsy expresses a polynucleotide that is associated with a low metastatic potential, it may justify leaving a larger portion of the patient's lung in surgery to remove the lesion. Alternatively, a smaller lesion with expression of a polynucleotide that is associated with high metastatic potential may justify a more radical removal of lung tissue and/or the surrounding lymph nodes, even if no metastasis can be identified through pathological examination.

Detection of breast cancer. The majority of breast cancers are adenocarcinomas subtypes, which can be summarized as follows: 1) ductal carcinoma in situ (DCIS), including comedocarcinoma; 2) infiltrating (or invasive) ductal carcinoma (IDC); 3) lobular carcinoma in situ (LCIS); 4) infiltrating (or invasive) lobular carcinoma (ILC); 5) inflammatory breast cancer; 6) medullary carcinoma; 7) mucinous carcinoma; 8) Pager's disease of the nipple; 9) Phyllodes tumor; and 10) tubular carcinoma;

The expression of polynucleotides of the invention can be used in the diagnosis and management of breast cancer, as well as to distinguish between types of breast cancer. Detection of breast cancer can be determined using expression levels of any of the appropriate polynucleotides of the invention, either alone or in combination. Determination of the aggressive nature and/or the metastatic potential of a breast cancer can also be determined by comparing levels of one or more polynucleotides of the invention and comparing levels of another sequence known to vary in cancerous tissue, e.g. ER expression. In addition, development of breast cancer can be detected by examining the ratio of expression of a differentially expressed polynucleotide to the levels of steroid hormones (e.g., testosterone or estrogen) or to other hormones (e.g., growth hormone, insulin). Thus expression of specific marker polynucleotides can be used to discriminate between normal and cancerous breast tissue, to discriminate between breast cancers with different cells of origin, to discriminate between breast cancers with different potential metastatic rates, etc.

Detection of colon cancer. The polynucleotides of the invention exhibiting the appropriate expression pattern can be used to detect colon cancer in a subject. Colorectal cancer is one of the most common neoplasms in humans and perhaps the most frequent form of hereditary neoplasia. Prevention and early detection are key factors in controlling and curing colorectal cancer. Colorectal cancer begins as polyps, which are small, benign growths of cells that form on the inner lining of the colon. Over a period of several years, some of these polyps accumulate additional mutations and become cancerous. Multiple familial colorectal cancer disorders have been identified.

which are summarized as follows: 1) Familial adenomatous polyposis (FAP); 2) Gardner's syndrome; 3) Hereditary nonpolyposis colon cancer (HNPCC); and 4) Familial colorectal cancer in Ashkenazi Jews. The expression of appropriate polynucleotides of the invention can be used in the diagnosis, prognosis and management of colorectal cancer. Detection of colon cancer can be determined using expression levels of any of these sequences alone or in combination with the levels of expression. Determination of the aggressive nature and/or the metastatic potential of a colon cancer can be determined by comparing levels of one or more polynucleotides of the invention and comparing total levels of another sequence known to vary in cancerous tissue, *e.g.*, expression of p53, DCC ras, for FAP (see, *e.g.*, Fearon ER, *et al.*, *Cell* (1990) 61(5):759; Hamilton SR *et al.*, *Cancer* (1993) 72:957; Bodmer W, *et al.*, *Nat Genet.* (1994) 4(3):217; Fearon ER, *Ann N Y Acad Sci.* (1995) 768:101). For example, development of colon cancer can be detected by examining the ratio of any of the polynucleotides of the invention to the levels of oncogenes (*e.g.* ras) or tumor suppressor genes (*e.g.* FAP or p53). Thus expression of specific marker polynucleotides can be used to discriminate between normal and cancerous colon tissue, to discriminate between colon cancers with different cells of origin, to discriminate between colon cancers with different potential metastatic rates, etc.

#### Use of Polynucleotides to Screen for Peptide Analogs and Antagonists

Polypeptides encoded by the instant polynucleotides and corresponding full length genes can be used to screen peptide libraries to identify binding partners, such as receptors, from among the encoded polypeptides. Peptide libraries can be synthesized according to methods known in the art (see, *e.g.*, USPN 5,010,175, and WO 91/17823). Agonists or antagonists of the polypeptides of the invention can be screened using any available method known in the art, such as signal transduction, antibody binding, receptor binding, mitogenic assays, chemotaxis assays, etc. The assay conditions ideally should resemble the conditions under which the native activity is exhibited *in vivo*, that is, under physiologic pH, temperature, and ionic strength. Suitable agonists or antagonists will exhibit strong inhibition or enhancement of the native activity at concentrations that do not cause toxic side effects in the subject. Agonists or antagonists that compete for binding to the native polypeptide can require concentrations equal to or greater than the native concentration, while inhibitors capable of binding irreversibly to the polypeptide can be added in concentrations on the order of the native concentration.

Such screening and experimentation can lead to identification of a novel polypeptide binding partner, such as a receptor, encoded by a gene or a cDNA corresponding to a polynucleotide of the invention, and at least one peptide agonist or antagonist of the novel binding partner. Such agonists and antagonists can be used to modulate, enhance, or inhibit receptor function in cells to which the receptor is native, or in cells that possess the receptor as a result of genetic engineering.

Further, if the novel receptor shares biologically important characteristics with a known receptor, information about agonist/antagonist binding can facilitate development of improved agonists/antagonists of the known receptor.

#### Pharmaceutical Compositions and Therapeutic Uses

5           Pharmaceutical compositions of the invention can comprise polypeptides, antibodies, or polynucleotides (including antisense nucleotides and ribozymes) of the claimed invention in a therapeutically effective amount. The term "therapeutically effective amount" as used herein refers to an amount of a therapeutic agent to treat, ameliorate, or prevent a desired disease or condition, or to exhibit a detectable therapeutic or preventative effect. The effect can be detected by, for example, 10 chemical markers or antigen levels. Therapeutic effects also include reduction in physical symptoms, such as decreased body temperature. The precise effective amount for a subject will depend upon the subject's size and health, the nature and extent of the condition, and the therapeutics or combination of therapeutics selected for administration. Thus, it is not useful to specify an exact effective amount in advance. However, the effective amount for a given situation is determined by 15 routine experimentation and is within the judgment of the clinician. For purposes of the present invention, an effective dose will generally be from about 0.01 mg/kg to 50 mg/kg or 0.05 mg/kg to about 10 mg/kg of the DNA constructs in the individual to which it is administered.

A pharmaceutical composition can also contain a pharmaceutically acceptable carrier. The term "pharmaceutically acceptable carrier" refers to a carrier for administration of a therapeutic 20 agent, such as antibodies or a polypeptide, genes, and other therapeutic agents. The term refers to any pharmaceutical carrier that does not itself induce the production of antibodies harmful to the individual receiving the composition, and which can be administered without undue toxicity. Suitable carriers can be large, slowly metabolized macromolecules such as proteins, polysaccharides, polylactic acids, polyglycolic acids, polymeric amino acids, amino acid 25 copolymers, and inactive virus particles. Such carriers are well known to those of ordinary skill in the art. Pharmaceutically acceptable carriers in therapeutic compositions can include liquids such as water, saline, glycerol and ethanol. Auxiliary substances, such as wetting or emulsifying agents, pH buffering substances, and the like, can also be present in such vehicles. Typically, the therapeutic compositions are prepared as injectables, either as liquid solutions or suspensions; solid forms 30 suitable for solution in, or suspension in, liquid vehicles prior to injection can also be prepared. Liposomes are included within the definition of a pharmaceutically acceptable carrier. Pharmaceutically acceptable salts can also be present in the pharmaceutical composition, e.g., mineral acid salts such as hydrochlorides, hydrobromides, phosphates, sulfates, and the like; and the salts of organic acids such as acetates, propionates, malonates, benzoates, and the like. A thorough



discussion of pharmaceutically acceptable excipients is available in *Remington's Pharmaceutical Sciences* (Mack Pub. Co., N.J. 1991).

Delivery Methods. Once formulated, the compositions of the invention can be (1) administered directly to the subject (*e.g.*, as polynucleotide or polypeptides); or (2) delivered *ex vivo*, to cells derived from the subject (*e.g.*, as in *ex vivo* gene therapy). Direct delivery of the compositions will generally be accomplished by parenteral injection, *e.g.*, subcutaneously, intraperitoneally, intravenously or intramuscularly, intratumoral or to the interstitial space of a tissue. Other modes of administration include oral and pulmonary administration, suppositories, and transdermal applications, needles, and gene guns or hyposprays. Dosage treatment can be a single dose schedule or a multiple dose schedule.

Methods for the *ex vivo* delivery and reimplantation of transformed cells into a subject are known in the art and described in *e.g.*, International Publication No. WO 93/14778. Examples of cells useful in *ex vivo* applications include, for example, stem cells, particularly hematopoietic, lymph cells, macrophages, dendritic cells, or tumor cells. Generally, delivery of nucleic acids for both *ex vivo* and *in vitro* applications can be accomplished by, for example, dextran-mediated transfection, calcium phosphate precipitation, polybrene mediated transfection, protoplast fusion, electroporation, encapsulation of the polynucleotide(s) in liposomes, and direct microinjection of the DNA into nuclei, all well known in the art.

Once a gene corresponding to a polynucleotide of the invention has been found to correlate with a proliferative disorder, such as neoplasia, dysplasia, and hyperplasia, the disorder can be amenable to treatment by administration of a therapeutic agent based on the provided polynucleotide, corresponding polypeptide or other corresponding molecule (*e.g.*, antisense, ribozyme, etc.).

The dose and the means of administration of the inventive pharmaceutical compositions are determined based on the specific qualities of the therapeutic composition, the condition, age, and weight of the patient, the progression of the disease, and other relevant factors. For example, administration of polynucleotide therapeutic compositions agents of the invention includes local or systemic administration, including injection, oral administration, particle gun or catheterized administration, and topical administration. Preferably, the therapeutic polynucleotide composition contains an expression construct comprising a promoter operably linked to a polynucleotide of at least 12, 22, 25, 30, or 35 contiguous nt of the polynucleotide disclosed herein. Various methods can be used to administer the therapeutic composition directly to a specific site in the body. For example, a small metastatic lesion is located and the therapeutic composition injected several times in several different locations within the body of tumor. Alternatively, arteries which serve a tumor are identified, and the therapeutic composition injected into such an artery, in order to deliver the

composition directly into the tumor. A tumor that has a necrotic center is aspirated and the composition injected directly into the now empty center of the tumor. The antisense composition is directly administered to the surface of the tumor, for example, by topical application of the composition. X-ray imaging is used to assist in certain of the above delivery methods.

5 Receptor-mediated targeted delivery of therapeutic compositions containing an antisense polynucleotide, subgenomic polynucleotides, or antibodies to specific tissues can also be used. Receptor-mediated DNA delivery techniques are described in, for example, Findeis *et al.*, *Trends Biotechnol.* (1993) 11:202; Chiou *et al.*, *Gene Therapeutics: Methods And Applications Of Direct Gene Transfer* (J.A. Wolff, ed.) (1994); Wu *et al.*, *J. Biol. Chem.* (1988) 263:621; Wu *et al.*, *J. Biol.*  
 10 *Chem.* (1994) 269:542; Zenke *et al.*, *Proc. Natl. Acad. Sci. (USA)* (1990) 87:3655; Wu *et al.*, *J. Biol. Chem.* (1991) 266:338. Therapeutic compositions containing a polynucleotide are administered in a range of about 100 ng to about 200 mg of DNA for local administration in a gene therapy protocol. Concentration ranges of about 500 ng to about 50 mg, about 1 g to about 2 mg, about 5 g to about 500 g, and about 20 g to about 100 g of DNA can also be used during a gene therapy  
 15 protocol. Factors such as method of action (e.g., for enhancing or inhibiting levels of the encoded gene product) and efficacy of transformation and expression are considerations which will affect the dosage required for ultimate efficacy of the antisense subgenomic polynucleotides. Where greater expression is desired over a larger area of tissue, larger amounts of antisense subgenomic polynucleotides or the same amounts readministered in a successive protocol of administrations, or  
 20 several administrations to different adjacent or close tissue portions of, for example, a tumor site, may be required to effect a positive therapeutic outcome. In all cases, routine experimentation in clinical trials will determine specific ranges for optimal therapeutic effect. For polynucleotide-related genes encoding polypeptides or proteins with anti-inflammatory activity, suitable use, doses, and administration are described in USPN 5,654,173.

25 The therapeutic polynucleotides and polypeptides of the present invention can be delivered using gene delivery vehicles. The gene delivery vehicle can be of viral or non-viral origin (see generally, Jolly, *Cancer Gene Therapy* (1994) 1:51; Kimura, *Human Gene Therapy* (1994) 5:845; Connelly, *Human Gene Therapy* (1995) 1:185; and Kaplitt, *Nature Genetics* (1994) 6:148). Expression of such coding sequences can be induced using endogenous mammalian or heterologous  
 30 promoters. Expression of the coding sequence can be either constitutive or regulated.

Viral-based vectors for delivery of a desired polynucleotide and expression in a desired cell are well known in the art. Exemplary viral-based vehicles include, but are not limited to, recombinant retroviruses (see, e.g., WO 90/07936; WO 94/03622; WO 93/25698; WO 93/25234; USPN 5, 219,740; WO 93/11230; WO 93/10218; USPN 4,777,127; GB Patent No. 2,200,651; EP 0  
 35 345 242; and WO 91/02805), alphavirus-based vectors (e.g., Sindbis virus vectors, Semliki forest

virus (ATCC VR-67; ATCC VR-1247). Ross River virus (ATCC VR-373; ATCC VR-1246) and Venezuelan equine encephalitis virus (ATCC VR-923; ATCC VR-1250; ATCC VR 1249; ATCC VR-532). and adeno-associated virus (AAV) vectors (see, e.g., WO 94/12649, WO 93/03769; WO 93/19191; WO 94/28938; WO 95/11984 and WO 95/00655). Administration of DNA linked to  
 5 killed adenovirus as described in Curiel, *Hum. Gene Ther.* (1992) 3:147 can also be employed.

Non-viral delivery vehicles and methods can also be employed, including, but not limited to, polycationic condensed DNA linked or unlinked to killed adenovirus alone (see, e.g., Curiel, *Hum. Gene Ther.* (1992) 3:147); ligand-linked DNA (see, e.g., Wu, *J. Biol. Chem.* (1989) 264:16985); eukaryotic cell delivery vehicles (see, e.g., USPN 5,814,482; WO 95/07994; WO 96/17072;  
 10 WO 95/30763; and WO 97/42338) and nucleic charge neutralization or fusion with cell membranes. Naked DNA can also be employed. Exemplary naked DNA introduction methods are described in WO 90/11092 and USPN 5,580,859. Liposomes that can act as gene delivery vehicles are described in USPN 5,422,120; WO 95/13796; WO 94/23697; WO 91/14445; and EP 0524968. Additional approaches are described in Philip, *Mol. Cell Biol.* (1994) 14:2411, and in Woffendin, *Proc. Natl.*  
 15 *Acad. Sci.* (1994) 91:1581

Further non-viral delivery suitable for use includes mechanical delivery systems such as the approach described in Woffendin *et al.*, *Proc. Natl. Acad. Sci. USA* (1994) 91(24):11581. Moreover, the coding sequence and the product of expression of such can be delivered through deposition of photopolymerized hydrogel materials or use of ionizing radiation (see, e.g., USPN 5,206,152 and  
 20 WO 92/11033). Other conventional methods for gene delivery that can be used for delivery of the coding sequence include, for example, use of hand-held gene transfer particle gun (see, e.g., USPN 5,149,655); use of ionizing radiation for activating transferred gene (see, e.g., USPN 5,206,152 and WO 92/11033).

The present invention will now be illustrated by reference to the following examples which  
 25 set forth particularly advantageous embodiments. However, it should be noted that these embodiments are illustrative and are not to be construed as restricting the invention in any way.

## EXAMPLES

Example 1: Source of Biological Materials and Overview of Novel Polynucleotides Expressed  
 30 by the Biological Materials

cDNA libraries were constructed from either human colon cancer cell line Km12L4-A (Morikawa, *et al.*, *Cancer Research* (1988) 48:6863), KM12C (Morikawa *et al.*, *Cancer Res.* (1988) 48:1943-1948), or MDA-MB-231 (Brinkley *et al.*, *Cancer Res.* (1980) 40:3118-3129) was used to construct a cDNA library from mRNA isolated from the cells. Sequences expressed by these cell  
 35 lines were isolated and analyzed; most sequences were about 275-300 nucleotides in length. The

KM12L4-A cell line is derived from the KM12C cell line. The KM12C cell line, which is poorly metastatic (low metastatic) was established in culture from a Dukes' stage B<sub>2</sub> surgical specimen (Morikawa *et al. Cancer Res.* (1988) 48:6863). The KML4-A is a highly metastatic subline derived from KM12C (Yeatman *et al. Nucl. Acids. Res.* (1995) 23:4007; Bao-Ling *et al. Proc. Annu. Meet. Am. Assoc. Cancer. Res.* (1995) 21:3269). The KM12C and KM12C-derived cell lines (e.g., KM12L4, KM12L4-A, etc.) are well-recognized in the art as a model cell line for the study of colon cancer (see, e.g., Moriakawa *et al., supra*; Radinsky *et al. Clin. Cancer Res.* (1995) 1:19; Yeatman *et al., (1995) supra*; Yeatman *et al. Clin. Exp. Metastasis* (1996) 14:246). The MDA-MB-231 cell line was originally isolated from pleural effusions (Cailleau, *J. Natl. Cancer. Inst.* (1974) 53:661), is of high metastatic potential, and forms poorly differentiated adenocarcinoma grade II in nude mice consistent with breast carcinoma.

The sequences of the isolated polynucleotides were first masked to eliminate low complexity sequences using the XBLAST masking program (Claverie "Effective Large-Scale Sequence Similarity Searches." In: Computer Methods for Macromolecular Sequence Analysis, Doolittle, ed., *Meth. Enzymol.* 266:212-227 Academic Press, NY, NY (1996); see particularly Claverie, in "Automated DNA Sequencing and Analysis Techniques" Adams *et al., eds., Chap. 36*, p. 267 Academic Press, San Diego, 1994 and Claverie *et al. Comput. Chem.* (1993) 17:191 ). Generally, masking does not influence the final search results, except to eliminate sequences of relative little interest due to their low complexity, and to eliminate multiple "hits" based on similarity to repetitive regions common to multiple sequences, e.g., Alu repeats. Masking resulted in the elimination of 43 sequences. The remaining sequences were then used in a BLASTN vs. GenBank search; sequences that exhibited greater than 70% overlap, 99% identity, and a p value of less than  $1 \times 10^{-40}$  were discarded. Sequences from this search also were discarded if the inclusive parameters were met, but the sequence was ribosomal or vector-derived.

The resulting sequences from the previous search were classified into three groups (1, 2 and 3 below) and searched in a BLASTX vs. NRP (non-redundant proteins) database search: (1) unknown (no hits in the GenBank search), (2) weak similarity (greater than 45% identity and p value of less than  $1 \times 10^{-5}$ ), and (3) high similarity (greater than 60% overlap, greater than 80% identity, and p value less than  $1 \times 10^{-5}$ ). Sequences having greater than 70% overlap, greater than 99% identity, and p value of less than  $1 \times 10^{-40}$  were discarded.

The remaining sequences were classified as unknown (no hits), weak similarity, and high similarity (parameters as above). Two searches were performed on these sequences. First, a BLAST vs. EST database search was performed and sequences with greater than 99% overlap,

greater than 99% similarity and a p value of less than  $1 \times 10^{-40}$  were discarded. Sequences with a p value of less than  $1 \times 10^{-65}$  when compared to a database sequence of human origin were also excluded. Second, a BLASTN vs. Patent GeneSeq database was performed and sequences having greater than 99% identity, p value less than  $1 \times 10^{-40}$ , and greater than 99% overlap were discarded.

5       The remaining sequences were subjected to screening using other rules and redundancies in the dataset. Sequences with a p value of less than  $1 \times 10^{-111}$  in relation to a database sequence of human origin were specifically excluded. The final result provided the 1,565 sequences listed as SEQ ID NOS:1-1565 in the accompanying Sequence Listing and summarized in Table 1A (inserted prior to claims). Each identified polynucleotide represents sequence from at least a partial mRNA  
10       transcript.

Table 1A provides: 1) the SEQ ID NO assigned to each sequence for use in the present specification; 2) the filing date of the U.S. priority application in which the sequence was first filed; 3) the attorney docket number assigned to the priority application (for internal use); 4) the SEQ ID NO assigned to the sequence in the priority application; 5) the sequence name used as an internal  
15       identifier of the sequence; and 6) the name assigned to the clone from which the sequence was isolated. Because the provided polynucleotides represent partial mRNA transcripts, two or more polynucleotides of the invention may represent different regions of the same mRNA transcript and the same gene. Thus, if two or more SEQ ID NOS: are identified as belonging to the same clone, then either sequence can be used to obtain the full-length mRNA or gene.

20       In order to confirm the sequences of SEQ ID NOS:1-1565, the clones were retrieved from a library using a robotic retrieval system, and the inserts of the retrieved clones re-sequenced. These "validation" sequences are provided as SEQ ID NOS:1566-2610 in the Sequence Listing, and a summary of the "validation" sequences provided in Table 1B (inserted prior to claims). Table 1B provides: 1) the SEQ ID NO assigned to each sequence for use in the present specification; 2) the  
25       sequence name assigned to the "validation" sequence obtained; 3) whether the "validation" sequence contains sequence that overlaps with an original sequence of SEQ ID NOS:1-1565 (Validation Overlap (VO)), or whether the "validation" sequence does not substantially overlap with an original sequence of SEQ ID NOS:1-1565 (indicated by Validation Non-Overlap (VNO)); and  
30       4) where the sequence is indicated as VO, the name of the clone that contains the indicated "validation" sequence. "Validation" sequences are indicated as "VO" where the "validation" sequence overlaps with an original sequence (e.g., one of SEQ ID NOS:1-1565), and/or the "validation" sequence belongs to the same cluster as the original sequence using the clustering technique described above. Because the inserts of the clones are generally longer than the original

sequence and the validation sequence. it is possible that a "validation" sequence can be obtained from the same clone as an original sequence but yet not share any of the sequence of the original. Such validation sequences will, however, belong to the same cluster as the original sequence using the clustering technique described above. VO "validation" sequences are contained within the same clone as the original sequence (one of SEQ ID NOS:1-1565). "Validation" sequences that provided overlapping sequence are indicating by "VO" can be correlated with the original sequences they validate by referring to Table 1A. Sequences indicated as VNO are treated as newly isolated sequences and may or may not be related to the sequences of SEQ ID NOS:1-1565. Because the "validation" sequences are often longer than the original polynucleotide sequences and thus provide additional sequence information. All validation sequences can be obtained either from an indicated clone (e.g., for VO sequences) or from a cDNA library described herein (e.g., using primers designed from the sequence provided in the sequence listing).

Example 2: Results of Public Database Search to Identify Function of Gene Products

SEQ ID NOS:1566-2610 were translated in all three reading frames, and the nucleotide sequences and translated amino acid sequences used as query sequences to search for homologous sequences in either the GenBank (nucleotide sequences) or Non-Redundant Protein (amino acid sequences) databases. Query and individual sequences were aligned using the BLAST 2.0 programs, available over the world wide web at <http://www.ncbi.nlm.nih.gov/BLAST/>. (see also Altschul, et al. *Nucleic Acids Res.* (1997) 25:3389-3402). The sequences were masked to various extents to prevent searching of repetitive sequences or poly-A sequences, using the XBLAST program for masking low complexity as described above in Example 1.

Tables 2A and 2B (inserted before the claims) provide the alignment summaries having a p value of  $1 \times 10^{-2}$  or less indicating substantial homology between the sequences of the present invention and those of the indicated public databases. Table 2A provides the SEQ ID NO of the query sequence, the accession number of the GenBank database entry of the homologous sequence, and the p value of the alignment. Table 2A provides the SEQ ID NO of the query sequence, the accession number of the Non-Redundant Protein database entry of the homologous sequence, and the p value of the alignment. The alignments provided in Tables 2A and 2B are the best available alignment to a DNA or amino acid sequence at a time just prior to filing of the present specification. The activity of the polypeptide encoded by the SEQ ID NOS listed in Tables 2A and 2B can be extrapolated to be substantially the same or substantially similar to the activity of the reported nearest neighbor or closely related sequence. The accession number of the nearest neighbor is reported, providing a publicly available reference to the activities and functions exhibited by the

nearest neighbor. The public information regarding the activities and functions of each of the nearest neighbor sequences is incorporated by reference in this application. Also incorporated by reference is all publicly available information regarding the sequence, as well as the putative and actual activities and functions of the nearest neighbor sequences listed in Table 2 and their related sequences. The search program and database used for the alignment, as well as the calculation of the p value are also indicated.

Full length sequences or fragments of the polynucleotide sequences of the nearest neighbors can be used as probes and primers to identify and isolate the full length sequence of the corresponding polynucleotide. The nearest neighbors can indicate a tissue or cell type to be used to construct a library for the full-length sequences of the corresponding polynucleotides.

**Example 3: Members of Protein Families**

SEQ ID NOS:1566-2601 were used to conduct a profile search as described in the specification above. Several of the polynucleotides of the invention were found to encode polypeptides having characteristics of a polypeptide belonging to a known protein family (and thus represent new members of these protein families) and/or comprising a known functional domain (Table 3A, inserted prior to claims). Table 3A provides the SEQ ID NO: of the query sequence, a brief description of the profile hit, the position of the query sequence within the individual sequence (indicated as "start" and "stop"), and the orientation (Direction) of the query sequence with respect to the individual sequence, where forward (for) indicates that the alignment is in the same direction (left to right) as the sequence provided in the Sequence Listing and reverse (rev) indicates that the alignment is with a sequence complementary to the sequence provided in the Sequence Listing.

Some polynucleotides exhibited multiple profile hits where the query sequence contains overlapping profile regions, and/or where the sequence contains two different functional domains. Each of the profile hits of Table 3A are described in more detail below. The acronyms for the profiles (provided in parentheses) are those used to identify the profile in the Pfam and Prosite databases. The Pfam database can be accessed through any of the following URLs: <http://pfam.wustl.edu/index.html>; <http://www.sanger.ac.uk/Software/Pfam/>; and <http://www.cgr.ki.se/Pfam/>. The Prosite database can be accessed at <http://www.expasy.ch/prosite/>.

The public information available on the Pfam and Prosite databases regarding the various profiles, including but not limited to the activities, function, and consensus sequences of various proteins families and protein domains, is incorporated herein by reference.

14-3-3 Family (14 3 3). SEQ ID NO:1967 corresponds to a sequence encoding a 14-3-3 protein family member. The 14-3-3 protein family includes a group of closely related acidic homodimeric proteins of about 30 kD first identified as very abundant in mammalian brain tissues

and located preferentially in neurons (Aitken et al. *Trends Biochem. Sci.* (1995) 20:95-97; Morrison *Science* (1994) 266:56-57; and Xiao et al. *Nature* (1995) 376:188-191). The 14-3-3 proteins have multiple biological activities, including a key role in signal transduction pathways and the cell cycle. 14-3-3 proteins interact with kinases (e.g., PKC or Raf-1), and can also function as protein-kinase dependent activators of tyrosine and tryptophan hydroxylases. The 14-3-3 protein sequences are extremely well conserved, and include two highly conserved regions: the first is a peptide of 11 residues located in the N-terminal section; the second, a 20 amino acid region located in the C-terminal section. The consensus patterns are as follows: 1) R-N-L-[LIV]-S-[VG]-[GA]-Y-[KN]-N-[IVA]; 2) Y-K-[DE]-S-T-L-I-[IM]-Q-L-[LF]-[RHC]-D-N-[LF]-T-[LS]-W-[TAN]-[SAD].

10 3'5'-Cyclic Nucleotide Phosphodiesterases (PDEase). SEQ ID NO: 2366 represents a polynucleotide encoding a novel 3'5'-cyclic nucleotide phosphodiesterase. PDEases catalyze the hydrolysis of cAMP or cGMP to the corresponding nucleoside 5' monophosphates (Charbonneau et al. *Proc. Natl. Acad. Sci. U.S.A.* (1986) 83:9308). There are at least seven different subfamilies of PDEases (Beavo et al., *Trends Pharmacol. Sci.* (1990) 11:150; <http://weber.u.washington.edu/~pde/>: 15 1) Type 1, calmodulin/calcium-dependent PDEases; 2) Type 2, cGMP-stimulated PDEases; 3) Type 3, cGMP-inhibited PDEases; 4) Type 4, cAMP-specific PDEases.; 5) Type 5, cGMP-specific PDEases; 6) Type 6, rhodopsin-sensitive cGMP-specific PDEases; and 7) Type 7, High affinity cAMP-specific PDEases. All PDEase forms share a conserved domain of about 270 residues. The signature pattern is determined from a stretch of 12 residues that contains two conserved histidines: 20 H-D-[LIVMFY]-x-H-x-[AG]-x(2)-[NQ]-x-[LIVMFY].

Four Transmembrane Integral Membrane Proteins (tm4). SEQ ID NOS:1579 and 1978 sequences correspond to a sequence encoding a member of the four transmembrane segments integral membrane protein family (tm4 family). The tm4 family of proteins includes a number of evolutionarily-related eukaryotic cell surface antigens (Levy et al., *J. Biol. Chem.*, (1991) 266:14597; Tomlinson et al., *Eur. J. Immunol.* (1993) 23:136; Barclay et al. *The leucocyte antigen factbooks*. (1993) Academic Press, London/San Diego). The tm4 family members are type III membrane proteins, which are integral membrane proteins containing an N-terminal membrane-anchoring domain that functions both as a translocation signal and as a membrane anchor. The family members also contain three additional transmembrane regions, at least seven conserved cysteines residues, and are of approximately the same size (218 to 284 residues). The consensus pattern spans a conserved region including two cysteines located in a short cytoplasmic loop between two transmembrane domains: Consensus pattern: G-x(3)-[LIVMF]-x(2)-[GSA]-[LIVMF](2)-G-C-x-[GA]-[STA]- x(2)-[EG]-x(2)-[CWN]-[LIVM](2).

Seven Transmembrane Integral Membrane Proteins -- Rhodopsin Family (7tm 1). SEQ ID NOS:1652, 1927, and 2068 correspond to a sequence encoding a member of the seven



- transmembrane (7tm) receptor rhodopsin family. G-protein coupled receptors of the (7tm) rhodopsin family include hormones, neurotransmitters, and light receptors that transduce extracellular signals by interaction with guanine nucleotide-binding (G) proteins (Strosberg *Eur. J. Biochem.* (1991) 196:1, Kerlavage *Curr. Opin. Struct. Biol.* (1991) 1:394, Probst, et al., *DNA Cell Biol.* (1992) 11:1, Savarese, et al., *Biochem. J.* (1992) 283:1, <http://www.gcrdb.uthscsa.edu/>, <http://swift.embl-heidelberg.de/7tm/>) The consensus pattern that contains the conserved triplet and that also spans the major part of the third transmembrane helix is used to detect this widespread family of proteins: [GSTALIVMFYWC]-[GSTANCPDE]-{EDPKRH}-x(2)-[LIVMNQGA]-x(2)-[LIVMFT]-[GSTANC]-[LIVMFYWSTAC]-[DENH]-R-[FYWCSH]-x(2)-[LIVM].
- 10        Seven Transmembrane Integral Membrane Proteins -- Secretin Family (7tm\_2). SEQ ID NOS:1598, 1719, 1911, 1927, 2068, and 2341 correspond to a sequence encoding a member of the seven transmembrane receptor (7tm) secretin family (Jueppner et al. *Science* (1991) 254:1024; Hamann et al. *Genomics* (1996) 32:144). The N-terminal extracellular domain of these receptors contains five conserved cysteines residues involved in disulfide bonds, with a consensus pattern in
- 15        the region that spans the first three cysteines. One of the most highly conserved regions spans the C-terminal part of the last transmembrane region and the beginning of the adjacent intracellular region and is used as a second signature pattern. The two consensus patterns are: 1) C-x(3)-[FYWLIV]-D-x(3,4)-C-[FW]-x(2)-[STAGV]-x(8,9)-C-[PF]; and 2) Q-G-[LMFCA]-[LIVMFT]-[LIV]-x-[LIVFST]-[LIF]-[VFYH]-C-[LFY]-x-N-x(2)-V
- 20        ATPases Associated with Various Cellular Activities (ATPases). Several of the polynucleotides of the invention correspond to a sequence that encodes a member of a family of ATPases Associated with diverse cellular Activities (AAA). The AAA protein family is composed of a large number of ATPases that share a conserved region of about 220 amino acids containing an ATP-binding site (Froehlich et al., *J. Cell Biol.* (1991) 114:443; Erdmann et al. *Cell* (1991) 64:499;
- 25        Peters et al., *EMBO J.* (1990) 9:1757; Kunau et al., *Biochimie* (1993) 75:209-224; Confalonieri et al., *BioEssays* (1995) 17:639; <http://yeamob.pci.chemie.uni-tuebingen.de/AAA/Description.html>). The AAA domain, which can be present in one or two copies, acts as an ATP-dependent protein clamp (Confalonieri et al. (1995) *BioEssays* 17:639) and contains a highly conserved region located in the central part of the domain. The consensus pattern is: [LIVMT]-x-[LIVMT]-[LIVMF]-x-
- 30        [GATMC]-[ST]-[NS]-x(4)-[LIVM]-D-x-A-[LIFA]-x-R.
- Basic Region Plus Leucine Zipper Transcription Factors (BZIP). SEQ ID NO:1623 represents a polynucleotide encoding a novel member of the family of basic region plus leucine zipper transcription factors. The bZIP superfamily (Hurst, *Protein Prof.* (1995) 2:105; and Ellenberger, *Curr. Opin. Struct. Biol.* (1994) 4:12) of eukaryotic DNA-binding transcription factors
- 35        encompasses proteins that contain a basic region mediating sequence-specific DNA-binding

followed by a leucine zipper required for dimerization. The consensus pattern for this protein family is: [KR]-x(1,3)-[RKSAQ]-N-x(2)-[SAQ](2)-x-[RKTAENQ]-x-R-x-[RK].

C2 domain (C2). SEQ ID NOS: 1715 and 2426 correspond to a sequence encoding a C2 domain, which is involved in calcium-dependent phospholipid binding (Davletov *J. Biol. Chem.* (1993) 268:26386-26390) or, in proteins that do not bind calcium, the domain may facilitate binding to inositol-1,3,4,5-tetraphosphate (Fukuda et al. *J. Biol. Chem.* (1994) 269:29206-29211; Sutton et al. *Cell* (1995) 80:929-938). The consensus sequence is: [ACG]-x(2)-L-x(2,3)-D-x(1,2)-[NGSTLIF]-[GTMR]-x-[STAP]-D-[PA]-[FY].

Cysteine proteases (Cvs-protease). SEQ ID NO:2238 represents a polynucleotide encoding a protein having a eukaryotic thiol (cysteine) protease active site. Cysteine proteases (Dufour *Biochimie* (1988) 70:1335) are a family of proteolytic enzymes that contain an active site cysteine. Catalysis proceeds through a thioester intermediate and is facilitated by a nearby histidine side chain: an asparagine completes the essential catalytic triad. The sequences around the three active site residues are well conserved and can be used as signature patterns: Q-x(3)-[GE]-x-C-[YW]-x(2)-[STAGC]-[STAGCV] (where C is the active site residue); 2) [LIVMGSTAN]-x-H-[GSACE]-[LIVM]-x-[LIVMAT](2)-G-x-[GSADNH] (where H is the active site residue); and 3) [FYCH]-[WI]-[LIVT]-x-[KRQAG]-N-[ST]-W-x(3)-[FYW]-G-x(2)-G-[LFYW]-[LIVMFYG]-x-[LIVMF] (where N is the active site residue).

DEAD and DEAH box families ATP-dependent helicases (Dead box helic). SEQ ID NOS:1630, 1865, and 2517 represent polynucleotides encoding a novel member of the DEAD and DEAH box families (Schmid et al., *Mol. Microbiol.* (1992) 6:283; Linder et al., *Nature* (1989) 337:121; Wassarman, et al., *Nature* (1991) 349:463). All members of these families are involved in ATP-dependent, nucleic-acid unwinding. All DEAD box family members share a number of conserved sequence motifs, some of which are specific to the DEAD family, with others shared by other ATP-binding proteins or by proteins belonging to the helicases 'superfamily' (Hodgman *Nature* (1988) 333:22 and *Nature* (1988) 333:578 (Errata); [http://www.expasy.ch/www/linder/HELICASES\\_TEXT.html](http://www.expasy.ch/www/linder/HELICASES_TEXT.html)). One of these motifs, called the 'D-E-A-D-box', represents a special version of the B motif of ATP-binding proteins. Proteins that have His instead of the second Asp and are 'D-E-A-H-box' proteins (Wassarman et al., *Nature* (1991) 349:463; Harosh, et al., *Nucleic Acids Res.* (1991) 19:6331; Koonin, et al., *J. Gen. Virol.* (1992) 73:989; [http://www.expasy.ch/www/linder/HELICASES\\_TEXT.html](http://www.expasy.ch/www/linder/HELICASES_TEXT.html)). The following signature patterns are used to identify member for both subfamilies: 1) [LIVMF](2)-D-E-A-D-[RKEN]-x-[LIVMFYGSTN]; and 2) [GSAH]-x-[LIVMF](3)-D-E-[ALIV]-H-[NECR].

Dual specificity phosphatase (DSPc). Dual specificity phosphatases (DSPs) are Ser/Thr and Tyr protein phosphatases that comprise a tertiary fold highly similar to that of tyrosine-specific

phosphatases, except for a "recognition" region connecting helix alpha1 to strand beta1. This tertiary fold may determine differences in substrate specific between VH-1 related dual specificity phosphatase (VHR), the protein tyrosine phosphatases (PTPs), and other DSPs. Phosphatases are important in the control of cell growth, proliferation, differentiation and transformation.

5        EF Hand (EFhand). SEQ ID NO:1595 corresponds to a polynucleotide encoding a member of the EF-hand protein family, a calcium binding domain shared by many calcium-binding proteins belonging to the same evolutionary family (Kawasaki *et al.*, *Protein. Prof.* (1995) 2:305-490). The domain is a twelve residue loop flanked on both sides by a twelve residue alpha-helical domain, with a calcium ion coordinated in a pentagonal bipyramidal configuration. The six residues involved in  
10 the binding are in positions 1, 3, 5, 7, 9 and 12; these residues are denoted by X, Y, Z, -Y, -X and -Z. The invariant Glu or Asp at position 12 provides two oxygens for liganding Ca (bidentate ligand). The consensus pattern includes the complete EF-hand loop as well as the first residue which follows the loop and which seem to always be hydrophobic: D-x-[DNS]-{ILVFYW}-{DENSTG}-[DNQGHRK]-{GP}-[LIVMC]-[DENQSTAGC]-x(2)-[DE]-[LIVMFYW].

15        Eukaryotic Aspartyl Proteases (asp). Several of the polynucleotides of the invention correspond to a sequence encoding a novel eukaryotic aspartyl protease. Aspartyl proteases, known as acid proteases, (EC 3.4.23.-) are a widely distributed family of proteolytic enzymes (Foltmann., *Essays Biochem.* (1981) 17:52; Davies, *Annu. Rev. Biophys. Chem.* (1990) 19:189; Rao, *et al.*, *Biochemistry* (1991) 30:4663) known to exist in vertebrates, fungi, plants, retroviruses and some  
20 plant viruses. Aspartate proteases of eukaryotes are monomeric enzymes which consist of two domains. Each domain contains an active site centered on a catalytic aspartyl residue. The consensus pattern to identify eukaryotic aspartyl protease is: [LIVMFGAC]-[LIVMTADN]-[LIVFSA]-D-[ST]-G-[STAV]-[STAPDENQ]- x-[LIVMFSTNC]-x-[LIVMFGTA], where D is the active site residue.

25        Fibronectin Type II collagen-binding domain (FntypeII). SEQ ID NO: 1968 corresponds to a polynucleotide encoding a polypeptide having a type II fibronectin collagen binding domain. Fibronectin is a plasma protein that binds cell surfaces and various compounds including collagen, fibrin, heparin, DNA, and actin. The major part of the sequence of fibronectin consists of the repetition of three types of domains, called type I, II, and III (Skorstengaard *et al.*, *Eur. J. Biochem.* (1986) 161:441). The type II domain, which is duplicated in fibronectin, is approximately forty  
30 residues long, contains four conserved cysteines involved in disulfide bonds and is part of the collagen-binding region of fibronectin. The consensus pattern for identifying members of this family, which pattern spans this entire domain, is: C-x(2)-P-F-x-[FYWI]-x(7)-C-x(8,10)-W-C-x(4)-[DNSR]-[FYW]- x(3,5)-[FYW]-x-[FYWI]-C (where the four C's are involved in disulfide bonds).

35        G-Protein Alpha Subunit (G-alpha). SEQ ID NO: 1779 corresponds to a gene encoding a

member of the G-protein alpha subunit family. G-proteins are a family of membrane-associated proteins that couple extracellularly-activated integral-membrane receptors to intracellular effectors, such as ion channels and enzymes that vary the concentration of second messenger molecules. G-proteins are composed of 3 subunits (alpha, beta and gamma) which, in the resting state, associate as a trimer at the inner face of the plasma membrane. The alpha subunit, which binds GTP and exhibits GTPase activity, is about 350-400 amino acids in length with a molecular weight in the range of 40-45 kDa. Seventeen distinct types of alpha subunit have been identified in mammals, and fall into 4 main groups on the basis of both sequence similarity and function: alpha-s, alpha-q, alpha-i and alpha-12 (Simon *et al.*, *Science* (1993) 252:802). They are often N-terminally acylated, usually with myristate and/or palmitoylate, and these fatty acid modifications can be important for membrane association and high-affinity interactions with other proteins.

Helicases conserved C-terminal domain (helicase\_C). SEQ ID NOS: 1621 and 1652 represent polynucleotides encoding novel members of the DEAD/H helicase family. The DEAD and DEAH families are described above.

Helix-Loop-Helix (HLH) DNA Binding Domain (HLH). SEQ ID NO:2192 corresponds to a sequence encoding an HLH domain. The HLH domain, which normally spans about 40 to 50 amino acids, is present in a number of eukaryotic transcription factors. The HLH domain is formed of two amphipathic helices joined by a variable length linker region that forms a loop that mediates protein dimerization (Murre *et al.* *Cell* (1989) 56:777-783). Basic HLH proteins (bHLH), which have an extra basic region of about 15 amino acid residues adjacent the HLH domain and specifically bind to DNA, include two groups: class A (ubiquitous) and class B (tissue-specific). bHLH family members bind variations of the E-box motif (CANNTG). The homo- or heterodimerization mediated by the HLH domain is independent of, but necessary for DNA binding, as two basic regions are required for DNA binding activity. The HLH proteins lacking the basic domain function as negative regulators since they form heterodimers, but fail to bind DNA. Consensus pattern: [DENSTAP]-[KTR]-[LIVMAGSNT]-{FYWCPHKR}-[LIVMT]-[LIVM]-x(2)-[STAV]-[LIVMSTACKR]-x-[VMFYH]-[LIVMTA]-{P}-{P}-[LIVMRKHQ].

Kinase Domain of Tors. The TOR profile is directed towards a lipid kinase protein family. This family is composed of large proteins with a lipid and protein kinase domain and characterized through their sensitivity to rapamycin (an antifungal compound). TOR proteins are involved in signal transduction downstream of PI3 kinase and many other signals. TOR (also called FRAP, RAFT) plays a role in regulating protein synthesis and cell growth, and in yeast controls translation initiation and early G1 progression. See, *e.g.*, Barbet *et al.* *Mol Biol Cell.* (1996) 7(1):25-42; Helliwell *et al.* *Genetics* (1998) 148:99-112.

MAP kinase kinase (mkk). SEQ ID NOS: 1825, 1876, 2039, and 2526 represent members of

the MAP kinase kinase (mkk) family. MAP kinases (MAPK) are involved in signal transduction, and are important in cell cycle and cell growth controls. The MAP kinase kinases (MAPKK) are dual-specificity protein kinases which phosphorylate and activate MAP kinases. MAPKK homologues have been found in yeast, invertebrates, amphibians, and mammals. Moreover, the MAPKK/MAPK phosphorylation switch constitutes a basic module activated in distinct pathways in yeast and in vertebrates. MAPKKs are essential transducers through which signals must pass before reaching the nucleus. For review, see, e.g., *Biologique Mol Cell* (1993) 79:193-207; Nishida *et al.*, *Trends Biochem Sci* (1993) 18:128-31; Ruderman *Curr Opin Cell Biol* (1993) 5:207-13; Dhanasekaran *et al.*, *Oncogene* (1998) 17:1447-55; Kiefer *et al.*, *Biochem Soc Trans* (1997) 25:491-8; and Hill, *Cell Signal* (1996) 8:533-44.

Neurotransmitter-Gated Ion-Channel (neur\_chan). Several of the sequences correspond to a sequence encoding a neurotransmitter-gated ion channel. Neurotransmitter-gated ion-channels, which provide the molecular basis for rapid signal transmission at chemical synapses, are post-synaptic oligomeric transmembrane complexes that transiently form a ionic channel upon the binding of a specific neurotransmitter. Five types of neurotransmitter-gated receptors are known: 1) nicotinic acetylcholine receptor (AChR); 2) glycine receptor; 3) gamma-aminobutyric-acid (GABA) receptor; 4) serotonin 5HT3 receptor; and 5) glutamate receptor. All known sequences of subunits from neurotransmitter-gated ion-channels are structurally related, and are composed of a large extracellular glycosylated N-terminal ligand-binding domain, followed by three hydrophobic transmembrane regions that form the ionic channel, followed by an intracellular region of variable length. A fourth hydrophobic region is found at the C-terminal of the sequence. The consensus pattern is: C-x-[LIVMFQ]-x-[LIVMF]-x(2)-[FY]-P-x-D-x(3)-C, where the two C's are linked by a disulfide bond.

Protein Kinase (protkinase). Several sequences represent polynucleotides encoding protein kinases, which catalyze phosphorylation of proteins in a variety of pathways, and are implicated in cancer. Eukaryotic protein kinases (Hanks, *et al.*, *FASEB J.* (1995) 9:576; Hunter, *Meth. Enzymol.* (1991) 200:3; Hanks, *et al.*, *Meth. Enzymol.* (1991) 200:38; Hanks, *Curr. Opin. Struct. Biol.* (1991) 1:369; Hanks *et al.*, *Science* (1988) 241:42) belong to a very extensive family of proteins that share a conserved catalytic core common to both serine/threonine and tyrosine protein kinases. There are a number of conserved regions in the catalytic domain of protein kinases. The first region, located in the N-terminal extremity of the catalytic domain, is a glycine-rich stretch of residues in the vicinity of a lysine residue, which has been shown to be involved in ATP binding. The second region, located in the central part of the catalytic domain, contains a conserved an aspartic acid residue that is important for the catalytic activity of the enzyme (Knighton, *et al.*, *Science* (1991) 253:407).

The protein kinase profile includes two signature patterns for this second region: one

specific for serine/threonine kinases and the other for tyrosine kinases. A third profile is based on the alignment in (Hanks, *et al.*, *FASEB J.* (1995) 9:576) and covers the entire catalytic domain. The consensus patterns are as follows: 1) [LIV]-G-{P}-G-{P}-[FYWMGSTNH]-[SGA]-{PW}-[LIVCAT]-[PD]-x-[GSTACLIVMFY]-x(5.18)-[LIVMFYWCSTAR]-[AIVP]-[LIVMFAGCKR]-K, where K binds ATP; 2) [LIVMFYC]-x-[HY]-x-D-[LIVMFY]-K-x(2)-N-[LIVMFYCT](3), where D is an active site residue; and 3) [LIVMFYC]-x-[HY]-x-D-[LIVMFY]-[RSTAC]-x(2)-N-[LIVMFYC], where D is an active site residue.

Protein Tyrosine Phosphatase (Y phosphatase) (PTPase). SEQ ID NOS: 1719, 1769, 2062, 2197, and 2275 represent polynucleotides encoding a tyrosine-specific protein phosphatase, a kinase that catalyzes the removal of a phosphate groups attached to a tyrosine residue (EC 3.1.3.48) (PTPase) (Fischer *et al.*, *Science* (1991) 253:401; Charbonneau *et al.*, *Annu. Rev. Cell Biol.* (1992) 8:463; Trowbridge *Biol. Chem.* (1991) 266:23517; Tonks *et al.*, *Trends Biochem. Sci.* (1989) 14:497; and Hunter, *Cell* (1989) 58:1013). PTPases are important in the control of cell growth, proliferation, differentiation and transformation. Multiple forms of PTPase have been characterized and can be classified into two categories: soluble PTPases and transmembrane receptor proteins that contain PTPase domain(s). Structurally, all known receptor PTPases are made up of a variable length extracellular domain, followed by a transmembrane region and a C-terminal catalytic cytoplasmic domain. PTPase domains consist of about 300 amino acids. Two conserved cysteines are absolutely required for activity, with a number of other conserved residues in the immediate vicinity also important for activity. The consensus pattern for PTPases is: [LIVMF]-H-C-x(2)-G-x(3)-[STC]-[STAGP]-x-[LIVMFY]; C is the active site residue.

RNA Recognition Motif (rrm). SEQ ID NOS: 1850 and 2194 correspond to sequence encoding an RNA recognition motif, also known as an RRM, RBD, or RNP domain. This domain, which is about 90 amino acids long, is contained in eukaryotic proteins that bind single-stranded RNA (Bandziulis *et al.*, *Genes Dev.* (1989) 3:431-437; Dreyfuss *et al.*, *Trends Biochem. Sci.* (1988) 13:86-91). Two regions within the RNA-binding domain are highly conserved: the first is a hydrophobic segment of six residues (which is called the RNP-2 motif), the second is an octapeptide motif (which is called RNP-1 or RNP-CS). The consensus pattern is: [RK]-G-[EDRKHPG]-[AGSCI]-[FY]-[LIVA]-x-[FYLM].

SH2 Domain (SH2). SEQ ID NO: 2441 corresponds to a sequence encoding an SH2 domain. The Src homology 2 (SH2) domain includes an approximately 100 amino acid residue domain, which is conserved in the oncoproteins Src and Fps, as well as in many other intracellular signal-transducing proteins (Sadowski *et al.*, *Mol. Cell. Biol.* (1986) 6:4396-4408; Russel *et al.*, *FEBS Lett.* (1992) 304:15-20). SH2 domains function as regulatory modules of intracellular signaling cascades by interacting with high affinity to phosphotyrosine-containing target peptides in

a sequence-specific and strictly phosphorylation-dependent manner. The SH2 domain has a conserved 3D structure consisting of two alpha helices and six to seven beta-strands. The core of the domain is formed by a continuous beta-meander composed of two connected beta-sheets (Kuriyan et al. *Curr. Opin. Struct. Biol.* (1993) 3:828-837).

5        Thioredoxin family active site (Thioredoxin). SEQ ID NO: 1618 represents a polynucleotide encoding a protein of the thioredoxin family. Thioredoxins are small proteins of approximately one hundred amino acid residues that participate in various redox reactions via the reversible oxidation of an active center disulfide bond (Holmgren. *Annu. Rev. Biochem.* (1985) 54:237; Gleason, et al., *FEMS Microbiol. Rev.* (1988) 54:271; Holmgren A. *J. Biol. Chem.* (1989) 264:13963; Eklund, et al. *Proteins* (1991) 11:13). Thioredoxins exist in either reduced or oxidized forms where the two cysteine residues are linked in an intramolecular disulfide bond. The sequence around the redox-active disulfide bond is well conserved. The consensus pattern is: [LIVMF]-[LIVMSTA]-x-[LIVMFYC]-[FYWSTHE]-x(2)-[FYWGNTN]-C-[GATPLVE]-[PHYWSTA]-C-x(6)-[LIVMFYWT] (where the two C's form the redox-active bond).

15        Trypsin (trypsin). SEQ ID NOS: 1579, 2290, 2341, 2421, 2430, and 2438 correspond to novel serine proteases of the trypsin family. The catalytic activity of the serine proteases from the trypsin family is provided by a charge relay system involving an aspartic acid residue hydrogen-bonded to a histidine, which itself is hydrogen-bonded to a serine. The sequences in the vicinity of the active site serine and histidine residues are well conserved (Brenner *Nature* (1988) 334:528).  
20        The consensus patterns for the trypsin protein family are: 1) [LIVM]-[ST]-A-[STAG]-H-C, where H is the active site residue; and 2) [DNSTAGC]-[GSTAPIMVQH]-x(2)-G-[DE]-S-G-[GS]-[SAPHV]-[LIVMFYWH]-[LIVMFYSTANQH], where S is the active site residue. All sequences known to belong to this family are detected by the above consensus sequences, except for 18 different proteases which have lost the first conserved glycine. If a protein includes both the serine and the  
25        histidine active site signatures, the probability of it being a trypsin family serine protease is 100%.

WD Domain, G-Beta Repeats (WD domain). SEQ ID NO: 2281 represents a members of the WD domain/G-beta repeat family. Beta-transducin (G-beta) is one of the three subunits (alpha, beta, and gamma) of the guanine nucleotide-binding proteins (G proteins) which act as intermediaries in the transduction of signals generated by transmembrane receptors (Gilman, *Annu. Rev. Biochem.* (1987) 56:615). The alpha subunit binds to and hydrolyzes GTP; the beta and gamma subunits are required for the replacement of GDP by GTP as well as for membrane anchoring and receptor recognition. In higher eukaryotes, G-beta exists as a small multigene family of highly conserved proteins of about 340 amino acid residues. Structurally, G-beta has eight tandem repeats of about 40 residues, each containing a central Trp-Asp motif (this type of repeat is sometimes  
30        called a WD-40 repeat). The consensus pattern for the WD domain/G-Beta repeat family is:  
35

[LIVMSTAC]-[LIVMFYWSTAGC]-[LIMSTAG]-[LIVMSTAGC]-x(2)-[DN]-x(2)-  
[LIVMWSTAC]-x-[LIVMFSTAG]-W-[DEN]-[LIVMFSTAGCN].

wnt Family of Developmental Signaling Proteins (Wnt dev sign). Several of the sequences correspond to novel members of the wnt family of developmental signaling proteins. Wnt-1 (previously known as int-1), the seminal member of this family, (Nusse, *Trends Genet.* (1988) 4:291) plays a role in intercellular communication and is important in central nervous system development. All wnt family proteins share the following features characteristic of secretory proteins: a signal peptide, several potential N-glycosylation sites and 22 conserved cysteines that may be involved in disulfide bonds. Wnt proteins generally adhere to the plasma membrane of secreting cells and are therefore likely to signal over only few cell diameters. The consensus pattern, which is based upon a highly conserved region including three cysteines, is as follows: C-K-C-H-G-[LIVMT]-S-G-x-C.

Zinc Finger, C2H2 Type (Zincfing C2H2). SEQ ID NOS: 1735, 1942, 2018, 2254, and 2515 correspond to polynucleotides encoding members of the C2H2 type zinc finger protein family, which contain zinc finger domains that facilitate nucleic acid binding (Klug *et al.*, *Trends Biochem. Sci.* (1987) 12:464; Evans *et al.*, *Cell* (1988) 52:1; Payre *et al.*, *FEBS Lett.* (1988) 234:245; Miller *et al.*, *EMBO J.* (1985) 4:1609; and Berg, *Proc. Natl. Acad. Sci. USA* (1988) 85:99). In addition to the conserved zinc ligand residues, a number of other positions are also important for the structural integrity of the C2H2 zinc fingers. (Rosenfeld *et al.*, *J. Biomol. Struct. Dyn.* (1993) 11:557) The best conserved position, which is generally an aromatic or aliphatic residue, is located four residues after the second cysteine. The consensus pattern for C2H2 zinc fingers is: C-x(2,4)-C-x(3)-[LIVMFYWC]-x(8)-H-x(3,5)-H. The two C's and two H's are zinc ligands.

**Example 4: Differential Expression of Polynucleotides of the Invention: Description of Libraries and Detection of Differential Expression**

The relative expression levels of the polynucleotides of the invention was assessed in several libraries prepared from various sources, including cell lines and patient tissue samples. Table 4 provides a summary of these libraries, including the shortened library name (used hereafter), the mRNA source used to prepared the cDNA library, the "nickname" of the library that is used in the tables below (in quotes), and the approximate number of clones in the library.

**Table 4.** Description of cDNA Libraries

Library (lib #)	Description	Number of Clones in Cluster
1	Km12 L4 Human Colon Cell Line, High Metastatic Potential (derived from Km12C): "High Met Colon"	307133



Library (lib #)	Description	Number of Clones in Cluster
2	Km12C Human Colon Cell Line. Low Metastatic Potential: "Low Met Colon"	284755
3	MDA-MB-231 Human Breast Cancer Cell Line. High Metastatic Potential: micro-metastases in lung: "High Met Breast"	326937
4	MCF7 Human Breast Cancer Cell. Non Metastatic: "Low Met Breast"	318979
8	MV-522 Human Lung Cancer Cell Line, High Metastatic Potential: "High Met Lung"	223620
9	UCP-3 Human Lung Cancer Cell Line. Low Metastatic Potential: "Low Met Lung"	312503
12	Human microvascular endothelial cells (HMEC) – Untreated PCR (OligodT) cDNA library; "HMEC"	41938
13	Human microvascular endothelial cells (HMEC) – Basic fibroblast growth factor (bFGF) treated PCR (OligodT) cDNA library; "HMEC-bFGF"	42100
14	Human microvascular endothelial cells (HMEC) – Vascular endothelial growth factor (VEGF) treated PCR (OligodT) cDNA library; "HMEC-VEGF"	42825
15	Normal Colon – UC#2 Patient PCR (OligodT) cDNA library; "Normal Colon Tissue"	282722
16	Colon Tumor – UC#2 Patient PCR (OligodT) cDNA library; "Normal Colon Tumor Tissue"	298831
17	Liver Metastasis from Colon Tumor of UC#2 Patient PCR (OligodT) cDNA library; "High Met Colon Tissue"	303467
18	Normal Colon – UC#3 Patient PCR (OligodT) cDNA library; "Normal Colon Tissue"	36216
19	Colon Tumor – UC#3 Patient PCR (OligodT) cDNA library; "Colon Tumor Tissue"	41388
20	Liver Metastasis from Colon Tumor of UC#3 Patient PCR (OligodT) cDNA library; "High Met Colon Tissue"	30956
21	GRRpz Human Prostate Cell Line: "Normal Prostate"	164801
22	Woca Human Prostate Cancer Cell Line: "Prostate Cancer"	162088

The KM12L4, KM12C, and MDA-MB-231 cell lines are described in Example 1 above. The MCF7 cell line was derived from a pleural effusion of a breast adenocarcinoma and is non-metastatic. The MV-522 cell line is derived from a human lung carcinoma and is of high metastatic potential. The UCP-3 cell line is a low metastatic human lung carcinoma cell line; the MV-522 is a high metastatic variant of UCP-3. These cell lines are well-recognized in the art as models for the study of human breast and lung cancer (see, e.g., Chandrasekaran *et al.*, *Cancer Res.* (1979) 39:870 (MDA-MB-231 and MCF-7); Gastpar *et al.*, *J Med Chem* (1998) 41:4965 (MDA-MB-231 and

MCF-7): Ranson *et al.*, *Br J Cancer* (1998) 77:1586 (MDA-MB-231 and MCF-7); Kuang *et al.*, *Nucleic Acids Res* (1998) 26:1116 (MDA-MB-231 and MCF-7); Varki *et al.*, *Int J Cancer* (1987) 40:46 (UCP-3); Varki *et al.*, *Tumour Biol.* (1990) 11:327; (MV-522 and UCP-3); Varki *et al.*, *Anticancer Res.* (1990) 10:637; (MV-522); Kelner *et al.*, *Anticancer Res* (1995) 15:867 (MV-522); and Zhang *et al.*, *Anticancer Drugs* (1997) 8:696 (MV522)). The samples of libraries 15-20 are derived from two different patients (UC#2, and UC#3). The bFGF-treated HMEC were prepared by incubation with bFGF at 10ng/ml for 2 hrs; the VEGF-treated HMEC were prepared by incubation with 20ng/ml VEGF for 2 hrs. Following incubation with the respective growth factor, the cells were washed and lysis buffer added for RNA preparation. The GRRpz and WOca cell lines were provided by Dr. Donna M. Peehl, Department of Medicine, Stanford University School of Medicine. GRRpz was derived from normal prostate epithelium. The WOca cell line is a Gleason Grade 4 cell line.

Each of the libraries is composed of a collection of cDNA clones that in turn are representative of the mRNAs expressed in the indicated mRNA source. In order to facilitate the analysis of the millions of sequences in each library, the sequences were assigned to clusters. The concept of "cluster of clones" is derived from a sorting/grouping of cDNA clones based on their hybridization pattern to a panel of roughly 300 7bp oligonucleotide probes (see Drmanac *et al.*, *Genomics* (1996) 37(1):29). Random cDNA clones from a tissue library are hybridized at moderate stringency to 300 7bp oligonucleotides. Each oligonucleotide has some measure of specific hybridization to that specific clone. The combination of 300 of these measures of hybridization for 300 probes equals the "hybridization signature" for a specific clone. Clones with similar sequence will have similar hybridization signatures. By developing a sorting/grouping algorithm to analyze these signatures, groups of clones in a library can be identified and brought together computationally. These groups of clones are termed "clusters". Depending on the stringency of the selection in the algorithm (similar to the stringency of hybridization in a classic library cDNA screening protocol), the "purity" of each cluster can be controlled. For example, artifacts of clustering may occur in computational clustering just as artifacts can occur in "wet-lab" screening of a cDNA library with 400 bp cDNA fragments, at even the highest stringency. The stringency used in the implementation of cluster herein provides groups of clones that are in general from the same cDNA or closely related cDNAs. Closely related clones can be a result of different length clones of the same cDNA, closely related clones from highly related gene families, or splice variants of the same cDNA.

Differential expression for a selected cluster was assessed by first determining the number of cDNA clones corresponding to the selected cluster in the first library (Clones in 1<sup>st</sup>), and the determining the number of cDNA clones corresponding to the selected cluster in the second library

(Clones in 2<sup>nd</sup>). Differential expression of the selected cluster in the first library relative to the second library is expressed as a "ratio" of percent expression between the two libraries. In general, the "ratio" is calculated by: 1) calculating the percent expression of the selected cluster in the first library by dividing the number of clones corresponding to a selected cluster in the first library by the total number of clones analyzed from the first library; 2) calculating the percent expression of the selected cluster in the second library by dividing the number of clones corresponding to a selected cluster in a second library by the total number of clones analyzed from the second library; 3) dividing the calculated percent expression from the first library by the calculated percent expression from the second library. If the "number of clones" corresponding to a selected cluster in a library is zero, the value is set at 1 to aid in calculation. The formula used in calculating the ratio takes into account the "depth" of each of the libraries being compared, *i.e.*, the total number of clones analyzed in each library.

In general, a polynucleotide is said to be significantly differentially expressed between two samples when the ratio value is greater than at least about 2, preferably greater than at least about 3, more preferably greater than at least about 5, where the ratio value is calculated using the method described above. The significance of differential expression is determined using a z score test (Zar, Biostatistical Analysis, Prentice Hall, Inc., USA, "Differences between Proportions," pp 296-298 (1974).

#### 20 Examples 5-12: Differential Expression of Polynucleotides of the Invention

A number of polynucleotide sequences have been identified that are differentially expressed between, for example, cells derived from high metastatic potential cancer tissue and low metastatic cancer cells, and between cells derived from high metastatic potential cancer tissue and normal tissue. Evaluation of the levels of expression of the genes corresponding to these sequences can be valuable in diagnosis, prognosis, and/or treatment (*e.g.*, to facilitate rationale design of therapy, monitoring during and after therapy, *etc.*). Moreover, the genes corresponding to differentially expressed sequences described herein can be therapeutic targets due to their involvement in regulation (*e.g.*, inhibition or promotion) of development of, for example, the metastatic phenotype. For example, sequences that correspond to genes that are increased in expression in high metastatic potential cells relative to normal or non-metastatic tumor cells may encode genes or regulatory sequences involved in processes such as angiogenesis, differentiation, cell replication, and metastasis.

Detection of the relative expression levels of differentially expressed polynucleotides described herein can provide valuable information to guide the clinician in the choice of therapy. For example, a patient sample exhibiting an expression level of one or more of these polynucleotides

that corresponds to a gene that is increased in expression in metastatic or high metastatic potential cells may warrant more aggressive treatment for the patient. In contrast, detection of expression levels of a polynucleotide sequence that corresponds to expression levels associated with that of low metastatic potential cells may warrant a more positive prognosis than the gross pathology would suggest.

A number of polynucleotide sequences of the present invention are differentially expressed between human microvascular endothelial cells (HMEC) that have been treated with growth factors relative to untreated HMEC. Sequences that are differentially expressed between growth factor-treated HMEC and untreated HMEC can represent sequences encoding gene products involved in angiogenesis, metastasis (cell migration), and other development and oncogenic processes. For example, sequences that are more highly expressed in HMEC treated with growth factors (such as bFGF or VEGF) relative to untreated HMEC can serve as markers of cancer cells of higher metastatic potential. Detection of expression of these sequences in colon cancer tissue can be valuable in determining diagnostic, prognostic and/or treatment information associated with the prevention of achieving the malignant state in these tissues, and can be important in risk assessment for a patient. A patient sample displaying an increased level of one or more of these polynucleotides may thus warrant closer attention or more frequent screening procedures to catch the malignant state as early as possible.

The differential expression of the polynucleotides described herein can thus be used as, for example, diagnostic markers, prognostic markers, for risk assessment, patient treatment and the like. These polynucleotide sequences can also be used in combination with other known molecular and/or biochemical markers. The following examples provide relative expression levels of polynucleotides from specified cell lines and patient tissue samples.

**Example 5: High Metastatic Potential Breast Cancer Versus Low Metastatic Breast Cancer Cells**

The following tables summarize polynucleotides that represent genes that are differentially expressed between high metastatic potential and low metastatic potential breast cancer cells.

**Table 5. High metastatic potential breast (lib3) > low metastatic potential (lib4) breast cancer cells**

SEQ ID NO:	Lib3 Clones	Lib4 Clones	Lib3/Lib4
1213	40	0	39
1538	60	3	20
1466	14	0	14
1356	10	0	10
1383	10	1	10
1158	10	1	10
441	10	1	10
1338	10	0	10
1426	19	2	9

SEQ ID NO:	Lib3 Clones	Lib4 Clones	Lib3/Lib4
1547	9	1	9
1313	8	1	8
841	8	1	8
1534	8	0	8
1503	8	0	8
829	8	1	8
1408	8	0	8
1447	7	0	7
1389	7	0	7
356	7	0	7
1492	7	0	7
1543	22	3	7
799	7	0	7
1437	6	0	6
1251	6	0	6
972	18	3	6
1482	6	0	6
1299	6	0	6
109	24	4	6
1558	6	0	6
1355	6	0	6
1548	11	2	5
250	10	2	5
919	26	6	4
358	36	12	3
1525	75	28	3
1157	49	17	3

Table 6. Low metastatic potential breast (lib4) > high metastatic potential breast cancer cells (lib3)

SEQ ID NO:	Lib3 Clones	Lib4 Clones	Lib4/Lib3
248	0	58	59
726	1	23	24
14	1	19	19
699	0	14	14
763	1	14	14
20	1	13	13
79	1	13	13
715	0	10	10
991	0	8	8
1199	0	8	8
707	0	7	7
1128	4	26	7
891	0	6	6
1146	2	11	6
731	7	44	6
1518	3	15	5
340	3	13	4
949	4	13	3

SEQ ID NO:	Lib3 Clones	Lib4 Clones	Lib4/Lib3
1247	7	18	3
1185	497	1216	3

**Example 6: High Metastatic Potential Lung Cancer Versus Low Metastatic Lung Cancer Cells**

The following summarizes polynucleotides that represent genes differentially expressed between high metastatic potential lung cancer cells and low metastatic potential lung cancer cells:

5 **Table 7. High metastatic potential lung (lib8) > low metastatic potential lung (lib9) lung cancer cells**

SEQ ID NO:	Lib8 Clones	Lib9 Clones	Lib8/Lib9
150	31	0	43
651	43	2	30
1298	14	1	20
57	11	0	15
625	7	0	10
1322	7	1	10
36	7	0	10
621	18	3	8
215	6	1	8
561	19	4	7
247	5	0	7
199	5	0	7
998	5	0	7
502	5	0	7
1382	8	2	6
1181	17	4	6
1309	8	2	6
1157	15	4	5
1260	14	5	4
1185	710	266	4
1525	21	10	3

**Table 8. Low metastatic potential lung (lib9) > high metastatic potential lung (lib8) cancer cells**

SEQ ID NO:	Lib8 Clones	Lib9 Clones	Lib9/Lib8
924	1	13	9
822	1	13	9
728	1	12	9
341	1	12	9
1527	3	31	7
698	4	26	5
949	2	15	5
744	3	23	5
973	8	27	2

**Example 7: High Metastatic Potential Colon Cancer Versus Low Metastatic Colon Cancer Cells**

Tables 9 and 10 summarize polynucleotides that represent genes differentially expressed between high metastatic potential and low metastatic potential colon cancer cells:

5 **Table 9. High metastatic potential (lib1) > low metastatic potential (lib2) colon cancer cells**

SEQ ID NO:	Lib1 Clones	Lib2 Clones	Lib1/Lib2
248	67	2	31
87	12	0	11
698	11	0	10
57	13	3	4
924	24	10	2
1249	24	9	2

**Table 10. Low metastatic potential (lib2) > high metastatic potential colon cancer (lib1) cells**

SEQ ID NO:	Lib1 Clones	Lib2 Clones	Lib2/Lib1
1268	1	17	18
1114	0	15	16
1032	1	14	15
109	5	60	13
973	1	11	12
91	1	11	12
982	0	9	10
1267	3	28	10
93	1	8	9
1556	1	8	9
1251	0	8	9
1206	2	17	9
812	0	8	9
1254	0	7	8
1220	0	7	8
766	0	7	8
1156	0	7	8
1007	0	7	8
981	0	7	8
762	0	7	8
876	0	6	6
1234	2	11	6
1183	0	6	6
1044	2	12	6
785	0	6	6
1069	3	17	6
770	0	6	6
778	0	6	6
792	0	6	6
822	2	10	5
1258	7	23	4
1224	7	17	3

SEQ ID NO:	Lib1 Clones	Lib2 Clones	Lib2/Lib1
984	8	19	3
841	10	28	3
339	14	34	3
1213	11	29	3
1201	5	14	3
1192	22	48	2

**Example 8: High Metastatic Potential Colon Cancer Patient Tissue Vs. Normal Patient Tissue**

Tables I I summarizes polynucleotides that represent genes differentially expressed between high metastatic potential colon cancer cells and normal colon cells of patient tissue. :

5 **Table 11. High metastatic potential colon tissue (lib17) vs. normal colon tissue (lib15)**

SEQ ID NO:	Lib15 Clones	Lib17 Clones	Lib17/Lib15
1422	1	13	12
1132	1	10	9
730	1	9	8
1311	0	7	7
78	9	48	5
822	5	20	4
SEQ ID NO:	Lib15 Clones	Lib17 Clones	Lib15/Lib17
463	8	1	9

**Example 9: High Tumor Potential Colon Tissue Vs. Metastasized Colon Cancer Tissue**

The following table summarizes polynucleotides that represent genes differentially expressed between high tumor potential colon cancer cells and cells derived from high metastatic potential colon cancer cells of a patient.

10 **Table 12. High tumor potential colon tissue (lib16) vs. high metastatic colon tissue (lib17)**

SEQ ID NO:	Lib16 Clones	Lib17 Clones	Lib16/Lib17
1185	14	4	4
SEQ ID NO:	Lib16 Clones	Lib17 Clones	Lib17/Lib16
822	2	20	10

**Example 10: High Tumor Potential Colon Cancer Patient Tissue Versus Normal Patient Tissue**

Tables 13 and 14 summarize polynucleotides that represent genes differentially expressed between high metastatic potential colon cancer cells and normal colon cells in patient tissue:

15 **Table 13. Higher expression in tumor potential colon tissue (lib16) vs. normal colon tissue (lib15)**

SEQ ID NO:	Lib15 Clones	Lib16 Clones	Lib16/Lib15
1311	0	8	8
78	9	28	3



**Table 14.** Higher expression in normal colon tissue (lib15) vs. tumor potential colon tissue (lib16)

SEQ ID NO:	Lib15 Clones	Lib16 Clones	Lib15/Lib16
463	8	0	8
1099	12	3	4

**Example 11:** Growth Factor-Stimulated Human Microvascular Endothelial Cells (HMEC)5 Relative to Untreated HMEC

The following tables summarize polynucleotides that represent genes differentially expressed between growth factor-treated and untreated HMEC.

**Table 15.** Higher expression in bFGF treated HMEC (lib13) vs. untreated HMEC (lib12)

SEQ ID NO:	Lib12 Clones	Lib13 Clones	Lib13/Lib12
1520	9	23	3
1538	17	35	2

10 **Table 16.** Higher expression in VEGF treated HMEC (lib14) vs. untreated HMEC (lib12)

SEQ ID NO:	Lib12 Clones	Lib14 Clones	Lib14/Lib12
1154	2	12	6
1226	2	10	5
1538	17	38	2

**Example 12:** Polynucleotides Differentially Expressed in Human Prostate Cancer Cells Relative to Normal Human Prostate Cells

The following tables summarize identified polynucleotides that represent genes differentially expressed between prostate cancer cells and normal prostate cells:

15

**Table 17.** Higher expression in normal prostate cells (lib21) relative to prostate cancer cells (lib22)

SEQ ID NO:	Lib21 Clones	Lib22 Clones	Lib21/Lib22
1525	6	0	6
248	116	51	2
1203	22	9	2

**Table 18** Higher expression in prostate cancer cells (lib22) relative to normal prostate cells (lib21)

SEQ ID NO:	Lib21 Clones	Lib22 Clones	Lib22/Lib21
1213	0	34	35
340	1	12	12
699	0	11	11

20 **Example 13:** Differential Expression Across Multiple Libraries

A number of polynucleotide sequences have been identified that represent genes that are differentially expressed across multiple libraries. Expression of these sequences in a tissue or any

origin can be valuable in determining diagnostic, prognostic and/or treatment information associated with the prevention of achieving the malignant state in these tissues, and can be important in risk assessment for a patient. These polynucleotides can also serve as non-tissue specific markers of, for example, risk of metastasis of a tumor. Table 19 summarizes this data.

5

**Table 19. Genes Differentially Expressed Across Multiple Library Comparisons**

SEQ ID NO:	Cell or Tissue Sample and Cancer State Compared	Ratio
57	High Met Lung (lib8) > Low Met Lung (lib9)	15
57	High Met Colon (lib1) > Low Met Colon (lib2)	4
78	High Met Colon Tissue (lib17) > Normal Colon Tissue (lib15)	5
78	Normal Colon Tumor Tissue (lib16) > Normal Colon Tissue (lib15)	3
109	High Met Breast (lib3) > Low Met Breast (lib4)	6
109	Low Met Colon (lib2) > High Met Colon (lib1)	13
248	High Met Colon (lib1) > Low Met Colon (lib2)	31
248	Normal Prostate (lib21) > Prostate Cancer (lib22)	2
248	Low Met Breast (lib4) > High Met Breast (lib3)	59
340	Prostate Cancer (lib22) > Normal Prostate (lib21)	12
340	Low Met Breast (lib4) > High Met Breast (lib3)	4
463	Normal Colon Tissue (lib15) > High Met Colon Tissue (lib17)	9
463	Normal Colon Tissue (lib15) > Normal Colon Tumor Tissue (lib16)	8
698	High Met Colon (lib1) > Low Met Colon (lib2)	10
698	Low Met Lung (lib9) > High Met Lung (lib8)	5
699	Low Met Breast (lib4) > High Met Breast (lib3)	14
699	Prostate Cancer (lib22) > Normal Prostate (lib21)	11
822	High Met Colon Tissue (lib17) > Normal Colon Tumor Tissue (lib16)	10
822	Low Met Lung (lib9) > High Met Lung (lib8)	9
822	Low Met Colon (lib2) > High Met Colon (lib1)	5
822	High Met Colon Tissue (lib17) > Normal Colon Tissue (lib15)	4
841	High Met Breast (lib3) > Low Met Breast (lib4)	8
841	Low Met Colon (lib2) > High Met Colon (lib1)	3
924	High Met Colon (lib1) > Low Met Colon (lib2)	2
924	Low Met Lung (lib9) > High Met Lung (lib8)	9
949	Low Met Lung (lib9) > High Met Lung (lib8)	5
949	Low Met Breast (lib4) > High Met Breast (lib3)	3
973	Low Met Colon (lib2) > High Met Colon (lib1)	12
973	Low Met Lung (lib9) > High Met Lung (lib8)	2
1157	High Met Lung (lib8) > Low Met Lung (lib9)	5
1157	High Met Breast (lib3) > Low Met Breast (lib4)	3
1185	Normal Colon Tumor Tissue (lib16) > High Met Colon Tissue (lib17)	4
1185	High Met Lung (lib8) > Low Met Lung (lib9)	4
1185	Low Met Breast (lib4) > High Met Breast (lib3)	3
1213	High Met Breast (lib3) > Low Met Breast (lib4)	39
1213	Prostate Cancer (lib22) > Normal Prostate (lib21)	35
1213	Low Met Colon (lib2) > High Met Colon (lib1)	3
1251	High Met Breast (lib3) > Low Met Breast (lib4)	6
1251	Low Met Colon (lib2) > High Met Colon (lib1)	9
1311	Normal Colon Tumor Tissue (lib16) > Normal Colon Tissue (lib15)	8

SEQ ID NO:	Cell or Tissue Sample and Cancer State Compared	Ratio
1311	High Met Colon Tissue (lib17) > Normal Colon Tissue (lib15)	7
1525	Normal Prostate (lib21) > Prostate Cancer (lib22)	6
1525	High Met Lung (lib8) > Low Met Lung (lib9)	3
1525	High Met Breast (lib3) > Low Met Breast (lib4)	3
1538	High Met Breast (lib3) > Low Met Breast (lib4)	20
1538	HMEC-VEGF (lib14) > HMEC (lib12)	2
1538	HMEC-bFGF (lib13) > HMEC (lib12)	2

Key for Table 19: High Met = high metastatic potential; Low Met = low metastatic potential; met = metastasized; tumor = non-metastasized tumor; HMEC = human microvascular endothelial cell; bFGF = bFGF treated; VEGF = VEGF treated.

5 **Example 14: Identification of Contiguous Sequences Having a Polynucleotide of the Invention**

The novel polynucleotides were used to screen publicly available and proprietary databases to determine if any of the polynucleotides of SEQ ID NOS:2611-2707 would facilitate identification of a contiguous sequence, *e.g.*, the polynucleotides would provide sequence that would result in 5' extension of another DNA sequence, resulting in production of a longer contiguous sequence composed of the provided polynucleotide and the other DNA sequence(s). Contigging was performed using the Gelmerge application (default settings) of GCG from the Univ. of Wisconsin.

Using these parameters, 97 contiged sequences were generated. These contiged sequences are provided as SEQ ID NOS:2611-2707 (see Table 1C). Table 1C provides the SEQ ID NO of the contig sequence, the name of the sequence used to create the contig, and the accession number of the publicly available tentative human consensus (THC) sequence used with the sequence of the corresponding sequence name to provide the contig. The sequence name of Table 1C can be correlated with the SEQ ID NO: of the polynucleotide of the invention using Tables 1A and 1B.

The contiged sequences (SEQ ID NOS:2611-2707) thus represent longer sequences that encompass a polynucleotide sequence of the invention. The contiged sequences were then translated in all three reading frames to determine the best alignment with individual sequences using the BLAST programs as described above. The sequences were masked using the XBLAST program for masking low complexity as described above in Example 1. Several of the contiged sequences were found to encode polypeptides having characteristics of a polypeptide belonging to a known protein families (and thus represent new members of these protein families) and/or comprising a known functional domain (Table 3B, inserted prior to claims). Thus the invention encompasses fragments, fusions, and variants of such polynucleotides that retain biological activity associated with the protein family and/or functional domain identified herein.

Descriptions of the profiles for the indicated protein families and functional domains are provided in Example 3 above. A description of the profile for PR55 is provided below.

Protein Phosphatase 2A Regulatory Subunit PR55 (PR55). Several of the contigs correspond to a sequence encoding a protein comprising a protein phosphatase 2A (PP2A) regulatory subunit PR55. PP2A is a serine/threonine phosphatase involved in many aspects of cellular function including the regulation of metabolic enzymes and proteins involved in signal transduction. PP2A is a trimeric enzyme comprising a core composed of a catalytic subunit associated with a 65 Kd regulatory subunit (PR65, also called subunit A). This complex associates with a third variable subunit (subunit B), which confers distinct properties to the holoenzyme (Mayer-Jackel et al. *Trends Cell Biol.* (1994) 4:287-291). One of the forms of the variable subunit is a 55 Kd protein (PR55) which is highly conserved in mammals and may facilitate substrate recognition or targeting the enzyme complex to the appropriate subcellular compartment. The PR55 subunit comprises two conserved sequences of 15 residues; one located in the N-terminal region, the other in the center of the protein. The consensus patterns are: E-F-D-Y-L-K-S-L-E-I-E-E-K-I-N; and N-[AG]-H-[TA]-Y-H-I-N-S-I-S-[LIVM]-N-S-D.

Those skilled in the art will recognize, or be able to ascertain, using not more than routine experimentation, many equivalents to the specific embodiments of the invention described herein. Such specific embodiments and equivalents are intended to be encompassed by the following claims.

All publications and patent applications cited in this specification are herein incorporated by reference as if each individual publication or patent application were specifically and individually indicated to be incorporated by reference. The citation of any publication is for its disclosure prior to the filing date and should not be construed as an admission that the present invention is not entitled to antedate such publication by virtue of prior invention.

Although the foregoing invention has been described in some detail by way of illustration and example for purposes of clarity of understanding, it is readily apparent to those of ordinary skill in the art in light of the teachings of this invention that certain changes and modifications may be made thereto without departing from the spirit or scope of the appended claims.

Deposit Information. The following materials were deposited with the American Type Culture Collection (CMCC = Chiron Master Culture Collection).

**Table 20. Cell Lines Deposited with ATCC**

Cell Line	Deposit Date	ATCC Accession No.	CMCC Accession No.
KM12L4-A	March 19, 1998	CRL-12496	11606
Km12C	May 15, 1998	CRL-12533	11611
MDA-MB-231	May 15, 1998	CRL-12532	10583
MCF-7	October 9, 1998	CRL-12584	10377

In addition, pools of selected clones, as well as libraries containing specific clones, were assigned an "ES" number (internal reference) and deposited with the ATCC. Table 21 below provides the ATCC Accession Nos. of the ES deposits, all of which were deposited on or before May 13, 1999. The names of the clones contained within each of these deposits are provided in the tables numbered 22 and greater (inserted before the claims).

**Table 21:** Pools of Clones and Libraries Deposited with ATCC on or before May 14, 1999

ES #	ATCC Accession #	ES #	ATCC Accession #	ES #	ATCC Accession #
34		41		48	
35		42		49	
36		43		50	
37		44		51	
38		45		52	
39		46		53	
40		47		54	

The deposits described herein are provided merely as convenience to those of skill in the art, and is not an admission that a deposit is required under 35 U.S.C. §112. The sequence of the polynucleotides contained within the deposited material, as well as the amino acid sequence of the polypeptides encoded thereby, are incorporated herein by reference and are controlling in the event of any conflict with the written description of sequences herein. A license may be required to make, use, or sell the deposited material, and no such license is granted hereby.

Retrieval of Individual Clones from Deposit of Pooled Clones. Where the ATCC deposit is composed of a pool of cDNA clones or a library of cDNA clones, the deposit was prepared by first transfecting each of the clones into separate bacterial cells. The clones in the pool or library were then deposited as a pool of equal mixtures in the composite deposit. Particular clones can be obtained from the composite deposit using methods well known in the art. For example, a bacterial cell containing a particular clone can be identified by isolating single colonies, and identifying colonies containing the specific clone through standard colony hybridization techniques, using an oligonucleotide probe or probes designed to specifically hybridize to a sequence of the clone insert (*e.g.*, a probe based upon unmasked sequence of the encoded polynucleotide having the indicated SEQ ID NO). The probe should be designed to have a  $T_m$  of approximately 80°C (assuming 2°C for each A or T and 4°C for each G or C). Positive colonies can then be picked, grown in culture, and the recombinant clone isolated. Alternatively, probes designed in this manner can be used to PCR to isolate a nucleic acid molecule from the pooled clones according to methods well known in the art, *e.g.*, by purifying the cDNA from the deposited culture pool, and using the probes in PCR reactions to produce an amplified product having the corresponding desired polynucleotide sequence.

Table 1A

## Priority Appln Information

SEQ ID NO:	Filed	Dkt No.	SEQ ID NO:	Sequence Name	Clone Name
1	5/14/98	1487	1	RTA00000608F.d.17.1	M00003981C:E04
2	5/14/98	1487	2	RTA00000589F.n.08.1	M00004182D:H03
3	5/14/98	1487	3	RTA00000589F.p.06.1	M00004223D:D07
4	5/14/98	1487	4	RTA00000597F.b.03.4	M00003770D:C07
5	5/14/98	1487	5	RTA00000608F.k.12.1	M00004029A:E01
6	5/14/98	1487	6	RTA00000585F.h.08.2	M00001432B:H08
7	5/14/98	1487	7	RTA00000585F.h.14.2	M00001433A:C07
8	5/14/98	1487	8	RTA00000609F.f.01.3	M00004060C:A02
9	5/14/98	1487	9	RTA00000588F.j.01.3	M00003835A:E03
10	5/14/98	1487	10	RTA00000596F.b.19.1	M00001663C:C03
11	5/14/98	1487	11	RTA00000585F.m.18.1	M00001444A:A09
12	5/14/98	1487	12	RTA00000596F.m.11.1	M00003753C:B01
13	5/14/98	1487	13	RTA00000589F.k.05.1	M00004133C:B02
14	5/14/98	1487	14	RTA00000589F.a.18.2	M00003984C:F04
15	5/14/98	1487	15	RTA00000585F.g.19.2	M00001431A:E05
16	5/14/98	1487	16	RTA00000595F.c.21.1	M00001598C:D10
17	5/14/98	1487	17	RTA00000584F.n.20.1	M00001406C:A11
18	5/14/98	1487	18	RTA00000611F.o.18.5	M00004204A:D04
19	5/14/98	1487	19	RTA00000597F.f.23.1	M00003787D:A06
20	5/14/98	1487	20	RTA00000585F.p.13.2	M00001452B:H06
21	5/14/98	1487	21	RTA00000583F.f.06.1	M00001348D:H08
22	5/14/98	1487	22	RTA00000585F.h.08.1	M00001432B:H08
23	5/14/98	1487	23	RTA00000589F.n.10.1	M00004184B:F11
24	5/14/98	1487	24	RTA00000614F.k.01.1	M00004465C:B12
25	5/14/98	1487	25	RTA00000587F.p.24.1	M00001584C:A03
26	5/14/98	1487	26	RTA00000587F.g.19.2	M00001548C:A09
27	5/14/98	1487	27	RTA00000612F.c.12.2	M00004222A:H10
28	5/14/98	1487	28	RTA00000589F.f.09.1	M00004064A:B12
29	5/14/98	1487	29	RTA00000586F.k.02.1	M00001490B:G04
30	5/14/98	1487	30	RTA00000609F.b.20.2	M00004050A:F02
31	5/14/98	1487	31	RTA00000584F.m.13.1	M00001402D:C07
32	5/14/98	1487	32	RTA00000614F.i.12.1	M00004447D:D10
33	5/14/98	1487	33	RTA00000608F.m.14.1	M00004035A:A10
34	5/14/98	1487	34	RTA00000608F.m.01.1	M00004033C:D10
35	5/14/98	1487	35	RTA00000597F.o.18.1	M00003819C:E04
36	5/14/98	1487	36	RTA00000584F.g.06.1	M00001390A:C06
37	5/14/98	1487	37	RTA00000609F.a.07.2	M00004046A:F04
38	5/14/98	1487	38	RTA00000607F.o.12.2	M00003961C:G02
39	5/14/98	1487	39	RTA00000597F.p.17.1	M00003821C:E04

Priority Appln Information					
SEQ ID NO:	Filed	Dkt No.	SEQ ID NO:	Sequence Name	Clone Name
40	5/14/98	1487	40	RTA00000609F.f.16.3	M00004063C:B11
41	5/14/98	1487	41	RTA00000584F.o.04.1	M00001407B:A08
42	5/14/98	1487	42	RTA00000608F.d.21.1	M00003982A:G03
43	5/14/98	1487	43	RTA00000614F.b.23.1	M00004389C:E01
44	5/14/98	1487	44	RTA00000612F.l.04.1	M00004268C:F08
45	5/14/98	1487	45	RTA00000611F.n.20.3	M00004200D:A07
46	5/14/98	1487	46	RTA00000608F.e.01.1	M00003982B:C10
47	5/14/98	1487	47	RTA00000585F.k.21.1	M00001439C:G06
48	5/14/98	1487	48	RTA00000589F.d.07.1	M00004037B:A09
49	5/14/98	1487	49	RTA00000614F.j.07.1	M00004460B:H09
50	5/14/98	1487	50	RTA00000614F.o.08.1	M00004508B:G02
51	5/14/98	1487	51	RTA00000608F.e.11.1	M00003983C:E07
52	5/14/98	1487	52	RTA00000589F.d.08.1	M00004037B:B05
53	5/14/98	1487	53	RTA00000614F.l.09.1	M00004491D:D07
54	5/14/98	1487	54	RTA00000607F.m.15.1	M00003949B:D05
55	5/14/98	1487	55	RTA00000609F.p.17.1	M00004093D:D09
56	5/14/98	1487	56	RTA00000583F.d.22.1	M00001346B:G03
57	5/14/98	1487	57	RTA00000589F.h.07.1	M00004081B:C11
58	5/14/98	1487	58	RTA00000611F.k.19.3	M00004191B:G01
59	5/14/98	1487	59	RTA00000595F.p.10.1	M00001654D:F06
60	5/14/98	1487	60	RTA00000609F.h.01.1	M00004068D:B01
61	5/14/98	1487	61	RTA00000612F.g.24.2	M00004244B:A02
62	5/14/98	1487	62	RTA00000608F.b.10.1	M00003975B:H09
63	5/14/98	1487	63	RTA00000587F.i.12.1	M00001555D:F11
64	5/14/98	1487	64	RTA00000610F.p.02.1	M00004152C:E01
65	5/14/98	1487	65	RTA00000608F.f.15.2	M00003987A:C07
66	5/14/98	1487	66	RTA00000614F.k.11.1	M00004467D:F09
67	5/14/98	1487	67	RTA00000612F.b.10.2	M00004216D:E10
68	5/14/98	1487	68	RTA00000606F.k.11.1	M00003864B:A04
69	5/14/98	1487	69	RTA00000583F.g.18.1	M00001352C:E01
70	5/14/98	1487	70	RTA00000585F.i.13.1	M00001435A:F03
71	5/14/98	1487	71	RTA00000612F.g.11.2	M00004240D:A07
72	5/14/98	1487	72	RTA00000607F.l.05.1	M00003936C:F10
73	5/14/98	1487	73	RTA00000610F.a.11.1	M00004097C:A03
74	5/14/98	1487	74	RTA00000596F.k.09.1	M00003746B:E12
75	5/14/98	1487	75	RTA00000611F.d.11.1	M00004169A:B11
76	5/14/98	1487	76	RTA00000588F.g.06.1	M00003797D:E10
77	5/14/98	1487	77	RTA00000595F.n.15.1	M00001648C:F06
78	5/14/98	1487	78	RTA00000584F.c.22.1	M00001382C:C09
79	5/14/98	1487	79	RTA00000585F.l.17.1	M00001441D:H05

## Priority Appln Information

SEQ ID NO:	Filed	Dkt No.	SEQ ID NO:	Sequence Name	Clone Name
80	5/14/98	1487	80	RTA00000608F.k.15.2	M00004029C:B03
81	5/14/98	1487	81	RTA00000597F.g.14.1	M00003789C:E03
82	5/14/98	1487	82	RTA00000588F.n.16.3	M00003906C:H12
83	5/14/98	1487	83	RTA00000606F.o.14.1	M00003886C:D10
84	5/14/98	1487	84	RTA00000608F.n.09.1	M00004037A:A07
85	5/14/98	1487	85	RTA00000613F.h.06.1	M00004329C:F11
86	5/14/98	1487	86	RTA00000587F.l.08.1	M00001564C:D04
87	5/14/98	1487	87	RTA00000590F.d.23.1	M00004350B:F06
88	5/14/98	1487	88	RTA00000609F.i.24.2	M00004073D:E01
89	5/14/98	1487	89	RTA00000614F.j.23.1	M00004465C:B10
90	5/14/98	1487	90	RTA00000587F.p.15.1	M00001582D:B10
91	5/14/98	1487	91	RTA00000640F.a.05.1	M00004190A:A09
92	5/14/98	1487	92	RTA00000609F.k.01.2	M00004077D:D10
93	5/14/98	1487	93	RTA00000589F.e.14.2	M00004054D:D02
94	5/14/98	1487	94	RTA00000586F.a.13.1	M00001455A:E09
95	5/14/98	1487	95	RTA00000590F.d.10.1	M00004337D:G08
96	5/14/98	1487	96	RTA00000608F.i.18.1	M00003998A:D03
97	5/14/98	1487	97	RTA00000608F.m.05.1	M00004034A:E08
98	5/14/98	1487	98	RTA00000597F.p.10.1	M00003820D:E02
99	5/14/98	1487	99	RTA00000585F.n.20.1	M00001446D:B10
100	5/14/98	1487	100	RTA00000584F.a.14.1	M00001377A:D03
101	5/14/98	1487	101	RTA00000609F.p.03.2	M00004092A:C03
102	5/14/98	1487	102	RTA00000606F.f.06.1	M00003841A:E09
103	5/14/98	1487	103	RTA00000609F.o.22.1	M00004091D:D09
104	5/14/98	1487	104	RTA00000587F.d.02.1	M00001537B:C12
105	5/14/98	1487	105	RTA00000612F.n.07.2	M00004277C:H11
106	5/14/98	1487	106	RTA00000606F.p.03.1	M00003888C:E01
107	5/14/98	1487	107	RTA00000589F.g.15.1	M00004076D:B03
108	5/14/98	1487	108	RTA00000610F.b.09.1	M00004102C:F07
109	5/14/98	1487	109	RTA00000603F.a.13.1	M00003820C:A09
110	5/14/98	1487	110	RTA00000606F.o.01.1	M00003883D:C03
111	5/14/98	1487	111	RTA00000589F.c.17.1	M00004030B:C05
112	5/14/98	1487	112	RTA00000589F.k.22.1	M00004140B:B01
113	5/14/98	1487	113	RTA00000585F.k.08.1	M00001438C:H05
114	5/14/98	1487	114	RTA00000595F.a.09.1	M00001586A:F09
115	5/14/98	1487	115	RTA00000597F.g.22.1	M00003790B:F12
116	5/14/98	1487	116	RTA00000597F.c.02.3	M00003773A:C09
117	5/14/98	1487	117	RTA00000587F.b.18.1	M00001530A:D11
118	5/14/98	1487	118	RTA00000606F.a.18.1	M00003824B:D06
119	5/14/98	1487	119	RTA00000612F.j.14.2	M00004260A:B07



Priority Appln Information					
SEQ ID NO:	Filed	Dkt No.	SEQ ID NO:	Sequence Name	Clone Name
120	5/14/98	1487	120	RTA00000612F.g.23.3	M00004243C:E10
121	5/14/98	1487	121	RTA00000583F.p.05.1	M00001374C:C09
122	5/14/98	1487	122	RTA00000586F.a.12.1	M00001455A:C03
123	5/14/98	1487	123	RTA00000613F.d.21.1	M00004308A:E06
124	5/14/98	1487	124	RTA00000586F.e.02.2	M00001466C:F02
125	5/14/98	1487	125	RTA00000595F.f.07.1	M00001609A:B12
126	5/14/98	1487	126	RTA00000607F.o.13.2	M00003962B:B09
127	5/14/98	1487	127	RTA00000595F.b.06.1	M00001590D:A07
128	5/14/98	1487	128	RTA00000609F.l.04.2	M00004081C:A01
129	5/14/98	1487	129	RTA00000610F.b.08.1	M00004102B:B04
130	5/14/98	1487	130	RTA00000585F.k.06.1	M00001438B:H06
131	5/14/98	1487	131	RTA00000611F.o.20.5	M00004204B:A04
132	5/14/98	1487	132	RTA00000614F.g.09.1	M00004421A:G04
133	5/14/98	1487	133	RTA00000597F.h.12.1	M00003793C:D11
134	5/14/98	1487	134	RTA00000597F.p.21.1	M00003822A:G05
135	5/14/98	1487	135	RTA00000595F.l.24.2	M00001641B:G05
136	5/14/98	1487	136	RTA00000584F.l.05.1	M00001399C:E10
137	5/14/98	1487	137	RTA00000586F.j.16.1	M00001489B:F08
138	5/14/98	1487	138	RTA00000613F.h.20.1	M00004332B:E11
139	5/14/98	1487	139	RTA00000606F.k.06.1	M00003862C:H10
140	5/14/98	1487	140	RTA00000587F.j.01.1	M00001557C:B08
141	5/14/98	1487	141	RTA00000610F.l.23.1	M00004143A:H07
142	5/14/98	1487	142	RTA00000606F.j.21.1	M00003860B:A07
143	5/14/98	1487	143	RTA00000608F.i.15.1	M00003997D:D07
144	5/14/98	1487	144	RTA00000596F.o.21.1	M00003763D:F06
145	5/14/98	1487	145	RTA00000597F.l.05.1	M00003809B:D08
146	5/14/98	1487	146	RTA00000608F.h.04.1	M00003992D:G01
147	5/14/98	1487	147	RTA00000585F.d.21.1	M00001424A:H09
148	5/14/98	1487	148	RTA00000606F.k.15.1	M00003864C:D09
149	5/14/98	1487	149	RTA00000612F.k.16.2	M00004266A:F10
150	5/14/98	1487	150	RTA00000589F.b.14.1	M00003991B:B05
151	5/14/98	1487	151	RTA00000597F.m.17.1	M00003813D:A06
152	5/14/98	1487	152	RTA00000585F.k.14.1	M00001439B:E02
153	5/14/98	1487	153	RTA00000584F.f.21.1	M00001389B:B06
154	5/14/98	1487	154	RTA00000597F.i.09.1	M00003796C:H03
155	5/14/98	1487	155	RTA00000597F.h.20.1	M00003795A:B01
156	5/14/98	1487	156	RTA00000608F.k.24.1	M00004030B:B02
157	5/14/98	1487	157	RTA00000586F.n.05.1	M00001500B:H07
158	5/14/98	1487	158	RTA00000608F.n.02.1	M00004035D:E04
159	5/14/98	1487	159	RTA00000585F.e.11.2	M00001425C:E10

Priority Appln Information					
SEQ ID NO:	Filed	Dkt No.	SEQ ID NO:	Sequence Name	Clone Name
160	5/14/98	1487	160	RTA00000596F.k.08.1	M00003746A:E01
161	5/14/98	1487	161	RTA00000611F.b.14.1	M00004163A:D11
162	5/14/98	1487	162	RTA00000607F.m.10.1	M00003948B:B03
163	5/14/98	1487	163	RTA00000586F.p.01.1	M00001506A:F01
164	5/14/98	1487	164	RTA00000589F.g.08.1	M00004075C:C09
165	5/14/98	1487	165	RTA00000608F.n.19.1	M00004037D:B05
166	5/14/98	1487	166	RTA00000607F.c.16.2	M00003905C:B01
167	5/14/98	1487	167	RTA00000595F.i.09.1	M00001622C:F06
168	5/14/98	1487	168	RTA00000584F.j.10.1	M00001397B:E02
169	5/14/98	1487	169	RTA00000589F.i.13.1	M00004103B:C07
170	5/14/98	1487	170	RTA00000585F.f.04.2	M00001427A:C05
171	5/14/98	1487	171	RTA00000606F.d.24.1	M00003837C:F05
172	5/14/98	1487	172	RTA00000609F.n.22.1	M00004088A:F12
173	5/14/98	1487	173	RTA00000610F.m.14.1	M00004144D:B06
174	5/14/98	1487	174	RTA00000606F.k.17.1	M00003864D:G05
175	5/14/98	1487	175	RTA00000583F.d.06.1	M00001345A:A12
176	5/14/98	1487	176	RTA00000608F.m.09.1	M00004034C:F05
177	5/14/98	1487	177	RTA00000608F.o.17.1	M00004040D:B05
178	5/14/98	1487	178	RTA00000583F.k.15.3	M00001362B:H09
179	5/14/98	1487	179	RTA00000610F.f.16.1	M00004120A:C02
180	5/14/98	1487	180	RTA00000608F.h.19.2	M00003994C:C11
181	5/14/98	1487	181	RTA00000584F.m.07.1	M00001401D:D04
182	5/14/98	1487	182	RTA00000587F.h.20.2	M00001552B:D01
183	5/14/98	1487	183	RTA00000596F.b.01.1	M00001660A:F10
184	5/14/98	1487	184	RTA00000611F.n.13.2	M00004199D:C02
185	5/14/98	1487	185	RTA00000597F.o.06.1	M00003818A:F09
186	5/14/98	1487	186	RTA00000589F.n.03.1	M00004178B:F06
187	5/14/98	1487	187	RTA00000597F.k.07.1	M00003805A:G05
188	5/14/98	1487	188	RTA00000611F.c.19.2	M00004166B:E10
189	5/14/98	1487	189	RTA00000606F.l.12.1	M00003868D:F02
190	5/14/98	1487	190	RTA00000614F.d.22.1	M00004407D:B09
191	5/14/98	1487	191	RTA00000608F.n.16.1	M00004037C:D07
192	5/14/98	1487	192	RTA00000595F.l.20.2	M00001640D:C10
193	5/14/98	1487	193	RTA00000608F.k.22.1	M00004030A:E09
194	5/14/98	1487	194	RTA00000583F.h.23.1	M00001355B:A01
195	5/14/98	1487	195	RTA00000608F.c.23.1	M00003980C:A11
196	5/14/98	1487	196	RTA00000585F.n.01.1	M00001444A:G12
197	5/14/98	1487	197	RTA00000596F.n.08.1	M00003756C:C08
198	5/14/98	1487	198	RTA00000612F.d.16.2	M00004229C:G11
199	5/14/98	1487	199	RTA00000589F.c.19.1	M00004031A:B04

Priority Appln Information					
SEQ ID NO:	Filed	Dkt No.	SEQ ID NO:	Sequence Name	Clone Name
200	5/14/98	1487	200	RTA00000584F.j.08.1	M00001397A:F10
201	5/14/98	1487	201	RTA00000583F.j.03.3	M00001358D:D09
202	5/14/98	1487	202	RTA00000597F.j.09.1	M00003801D:F05
203	5/14/98	1487	203	RTA00000614F.n.21.1	M00004506C:H10
204	5/14/98	1487	204	RTA00000606F.d.05.1	M00003833B:A11
205	5/14/98	1487	205	RTA00000589F.d.10.1	M00004038C:D12
206	5/14/98	1487	206	RTA00000597F.p.01.1	M00003820A:H04
207	5/14/98	1487	207	RTA00000586F.l.20.1	M00001496A:B03
208	5/14/98	1487	208	RTA00000607F.c.07.2	M00003903C:A12
209	5/14/98	1487	209	RTA00000595F.b.02.1	M00001589C:D12
210	5/14/98	1487	210	RTA00000597F.n.18.1	M00003816C:F10
211	5/14/98	1487	211	RTA00000612F.d.10.2	M00004228C:D11
212	5/14/98	1487	212	RTA00000609F.n.13.1	M00004086D:A07
213	5/14/98	1487	213	RTA00000610F.b.02.1	M00004101D:A03
214	5/14/98	1487	214	RTA00000590F.a.17.1	M00004249C:E12
215	5/14/98	1487	215	RTA00000587F.i.02.1	M00001553D:B06
216	5/14/98	1487	216	RTA00000583F.p.22.1	M00001376A:H02
217	5/14/98	1487	217	RTA00000609F.d.08.1	M00004054D:A03
218	5/14/98	1487	218	RTA00000609F.k.06.2	M00004078C:A08
219	5/14/98	1487	219	RTA00000585F.i.20.1	M00001435B:G10
220	5/14/98	1487	220	RTA00000585F.e.15.2	M00001426A:F09
221	5/14/98	1487	221	RTA00000595F.c.18.1	M00001597C:B03
222	5/14/98	1487	222	RTA00000596F.p.18.1	M00003766A:G09
223	5/14/98	1487	223	RTA00000611F.l.04.3	M00004193A:C07
224	5/14/98	1487	224	RTA00000614F.o.06.1	M00004508A:G12
225	5/14/98	1487	225	RTA00000586F.o.13.1	M00001504D:D09
226	5/14/98	1487	226	RTA00000612F.o.21.1	M00004283C:D03
227	5/14/98	1487	227	RTA00000585F.k.18.1	M00001439C:A01
228	5/14/98	1487	228	RTA00000611F.o.19.5	M00004204A:D10
229	5/14/98	1487	229	RTA00000611F.l.10.3	M00004193C:H01
230	5/14/98	1487	230	RTA00000612F.b.22.2	M00004217D:G10
231	5/14/98	1487	231	RTA00000583F.n.06.1	M00001370B:B12
232	5/14/98	1487	232	RTA00000611F.p.08.3	M00004206C:G11
233	5/14/98	1487	233	RTA00000607F.e.03.2	M00003909D:G01
234	5/14/98	1487	234	RTA00000607F.b.09.2	M00003896D:B01
235	5/14/98	1487	235	RTA00000585F.j.16.1	M00001436D:C10
236	5/14/98	1487	236	RTA00000607F.g.05.2	M00003915C:G01
237	5/14/98	1487	237	RTA00000586F.o.14.1	M00001505A:E09
238	5/14/98	1487	238	RTA00000607F.h.15.1	M00003920B:A10
239	5/14/98	1487	239	RTA00000586F.m.14.1	M00001499B:H05

Priority Appln Information					
SEQ ID NO:	Filed	Dkt No.	SEQ ID NO:	Sequence Name	Clone Name
240	5/14/98	1487	240	RTA00000610F.p.17.1	M00004154D:F11
241	5/14/98	1487	241	RTA00000584F.d.11.1	M00001383C:C07
242	5/14/98	1487	242	RTA00000610F.e.07.1	M00004114C:F02
243	5/14/98	1487	243	RTA00000610F.b.17.1	M00004103B:C09
244	5/14/98	1487	244	RTA00000596F.c.05.1	M00001669A:H11
245	5/14/98	1487	245	RTA00000586F.b.17.1	M00001458B:F06
246	5/14/98	1487	246	RTA00000607F.l.16.1	M00003939A:A02
247	5/14/98	1487	247	RTA00000590F.f.18.2	M00004446A:G01
248	5/14/98	1487	248	RTA00000603F.b.07.1	M00004242C:C01
249	5/14/98	1487	249	RTA00000589F.f.11.1	M00004066A:E12
250	5/14/98	1487	250	RTA00000589F.j.09.1	M00004115A:G09
251	5/14/98	1487	251	RTA00000583F.a.18.1	M00001339B:E05
252	5/14/98	1487	252	RTA00000612F.f.23.3	M00004239C:C09
253	5/14/98	1487	253	RTA00000597F.o.12.1	M00003818C:E09
254	5/14/98	1487	254	RTA00000607F.b.05.2	M00003896B:F08
255	5/14/98	1487	255	RTA00000607F.e.23.2	M00003912C:C11
256	5/14/98	1487	256	RTA00000586F.m.11.1	M00001499A:D05
257	5/14/98	1487	257	RTA00000585F.g.18.2	M00001431A:C10
258	5/14/98	1487	258	RTA00000614F.d.07.1	M00004403A:B05
259	5/14/98	1487	259	RTA00000606F.c.23.1	M00003832B:G03
260	5/14/98	1487	260	RTA00000609F.d.13.1	M00004055B:F06
261	5/14/98	1487	261	RTA00000606F.c.04.1	M00003829A:E02
262	5/14/98	1487	262	RTA00000587F.f.02.1	M00001542C:F06
263	5/14/98	1487	263	RTA00000585F.e.14.2	M00001426A:C02
264	5/14/98	1487	264	RTA00000584F.o.03.2	M00001406D:H01
265	5/14/98	1487	265	RTA00000614F.m.24.1	M00004501A:G06
266	5/14/98	1487	266	RTA00000586F.j.21.1	M00001489D:C08
267	5/14/98	1487	267	RTA00000585F.d.02.2	M00001421C:A03
268	5/14/98	1487	268	RTA00000597F.o.19.1	M00003819D:G09
269	5/14/98	1487	269	RTA00000613F.h.02.1	M00004328A:H06
270	5/14/98	1487	270	RTA00000612F.m.08.2	M00004273D:E11
271	5/14/98	1487	271	RTA00000606F.g.04.1	M00003844C:H05
272	5/14/98	1487	272	RTA00000608F.h.04.2	M00003992D:G01
273	5/14/98	1487	273	RTA00000609F.e.19.3	M00004059A:G09
274	5/14/98	1487	274	RTA00000613F.c.10.1	M00004297D:B08
275	5/14/98	1487	275	RTA00000587F.d.24.1	M00001539B:B01
276	5/14/98	1487	276	RTA00000597F.a.22.5	M00003769D:G12
277	5/14/98	1487	277	RTA00000595F.m.11.1	M00001644D:F09
278	5/14/98	1487	278	RTA00000613F.k.05.1	M00004346B:D06
279	5/14/98	1487	279	RTA00000611F.n.15.2	M00004200A:G06

## Priority Appln Information

SEQ ID NO:	Filed	Dkt No.	SEQ ID NO:	Sequence Name	Clone Name
280	5/14/98	1487	280	RTA00000609F.m.20.2	M00004085B:G06
281	5/14/98	1487	281	RTA00000609F.c.08.1	M00004051C:D10
282	5/14/98	1487	282	RTA00000586F.k.13.1	M00001491C:C01
283	5/14/98	1487	283	RTA00000595F.i.16.1	M00001623D:A09
284	5/14/98	1487	284	RTA00000588F.j.17.3	M00003839D:G06
285	5/14/98	1487	285	RTA00000610F.i.05.1	M00004129A:H08
286	5/14/98	1487	286	RTA00000596F.o.14.1	M00003762A:D11
287	5/14/98	1487	287	RTA00000583F.e.15.1	M00001347B:H01
288	5/14/98	1487	288	RTA00000584F.a.01.2	M00001376B:C11
289	5/14/98	1487	289	RTA00000597F.c.10.4	M00003773D:C02
290	5/14/98	1487	290	RTA00000595F.d.20.1	M00001604B:D09
291	5/14/98	1487	291	RTA00000609F.m.04.2	M00004084A:D11
292	5/14/98	1487	292	RTA00000589F.b.08.1	M00003988C:A06
293	5/14/98	1487	293	RTA00000583F.k.13.3	M00001362B:A09
294	5/14/98	1487	294	RTA00000606F.b.07.1	M00003825C:B02
295	5/14/98	1487	295	RTA00000583F.a.17.1	M00001339B:A03
296	5/14/98	1487	296	RTA00000611F.o.09.5	M00004201D:E12
297	5/14/98	1487	297	RTA00000610F.j.15.1	M00004134C:B11
298	5/14/98	1487	298	RTA00000608F.e.21.1	M00003985A:C01
299	5/14/98	1487	299	RTA00000614F.k.08.1	M00004467A:F09
300	5/14/98	1487	300	RTA00000610F.p.11.1	M00004153D:E06
301	5/14/98	1487	301	RTA00000595F.l.14.1	M00001639A:A04
302	5/14/98	1487	302	RTA00000596F.m.03.1	M00003752A:B06
303	5/14/98	1487	303	RTA00000595F.n.06.2	M00001647C:C07
304	5/14/98	1487	304	RTA00000596F.e.22.2	M00001679C:F03
305	5/14/98	1487	305	RTA00000607F.c.18.2	M00003905C:E10
306	5/14/98	1487	306	RTA00000597F.o.15.1	M00003819A:B09
307	5/14/98	1487	307	RTA00000584F.f.10.1	M00001387D:C07
308	5/14/98	1487	308	RTA00000597F.b.07.5	M00003771A:G09
309	5/14/98	1487	309	RTA00000584F.m.17.1	M00001403B:A01
310	5/14/98	1487	310	RTA00000608F.g.08.2	M00003989C:F01
311	5/14/98	1487	311	RTA00000587F.o.03.1	M00001575A:H02
312	5/14/98	1487	312	RTA00000597F.m.10.1	M00003812D:E08
313	5/14/98	1487	313	RTA00000596F.l.10.1	M00003749D:G07
314	5/14/98	1487	314	RTA00000584F.h.08.1	M00001391D:A07
315	5/14/98	1487	315	RTA00000587F.f.07.1	M00001543A:F01
316	5/14/98	1487	316	RTA00000595F.b.04.1	M00001589D:G10
317	5/14/98	1487	317	RTA00000590F.d.17.1	M00004345A:H06
318	5/14/98	1487	318	RTA00000612F.l.07.2	M00004268D:G07
319	5/14/98	1487	319	RTA00000607F.e.15.2	M00003911C:G05

Priority Appln Information					
SEQ ID NO:	Filed	Dkt No.	SEQ ID NO:	Sequence Name	Clone Name
320	5/14/98	1487	320	RTA00000614F.i.23.1	M00004449D:H01
321	5/14/98	1487	321	RTA00000612F.l.08.2	M00004269A:B11
322	5/14/98	1487	322	RTA00000608F.n.23.1	M00004038C:C05
323	5/14/98	1487	323	RTA00000583F.e.11.1	M00001347A:G06
324	5/14/98	1487	324	RTA00000612F.e.10.3	M00004234B:E03
325	5/14/98	1487	325	RTA00000609F.o.20.1	M00004091C:F04
326	5/14/98	1487	326	RTA00000583F.d.19.1	M00001346B:A07
327	5/14/98	1487	327	RTA00000609F.o.16.2	M00004091B:C12
328	5/14/98	1487	328	RTA00000586F.a.23.1	M00001456C:F02
329	5/14/98	1487	329	RTA00000583F.j.04.3	M00001359A:B07
330	5/14/98	1487	330	RTA00000585F.a.02.3	M00001412D:C03
331	5/14/98	1487	331	RTA00000606F.o.02.1	M00003884B:E06
332	5/14/98	1487	332	RTA00000609F.m.09.2	M00004084C:G04
333	5/14/98	1487	333	RTA00000606F.b.10.1	M00003826B:D01
334	5/14/98	1487	334	RTA00000596F.k.19.1	M00003748B:B06
335	5/14/98	1487	335	RTA00000596F.o.17.1	M00003763B:D03
336	5/14/98	1487	336	RTA00000611F.g.23.1	M00004180B:F04
337	5/14/98	1487	337	RTA00000586F.m.05.1	M00001496D:D02
338	5/14/98	1487	338	RTA00000612F.n.03.2	M00004277B:C06
339	5/14/98	1487	339	RTA00000585F.b.18.3	M00001417B:E01
340	5/14/98	1487	340	RTA00000606F.b.03.1	M00003825B:A05
341	5/14/98	1487	341	RTA00000583F.n.05.1	M00001370B:B04
342	5/14/98	1487	342	RTA00000607F.o.10.2	M00003961B:A12
343	5/14/98	1487	343	RTA00000613F.c.13.1	M00004297D:E08
344	5/14/98	1487	344	RTA00000595F.f.14.1	M00001610B:A01
345	5/14/98	1487	345	RTA00000608F.a.10.3	M00003973A:C05
346	5/14/98	1487	346	RTA00000609F.j.05.3	M00004075A:G10
347	5/14/98	1487	347	RTA00000586F.d.01.1	M00001463C:A01
348	5/14/98	1487	348	RTA00000612F.h.03.3	M00004245A:G09
349	5/14/98	1487	349	RTA00000596F.e.18.2	M00001678D:A12
350	5/14/98	1487	350	RTA00000606F.g.18.1	M00003846B:H02
351	5/14/98	1487	351	RTA00000597F.c.07.4	M00003773B:G08
352	5/14/98	1487	352	RTA00000610F.e.15.1	M00004117B:F01
353	5/14/98	1487	353	RTA00000595F.h.07.1	M00001618C:E06
354	5/14/98	1487	354	RTA00000597F.f.17.1	M00003786D:C06
355	5/14/98	1487	355	RTA00000606F.i.10.1	M00003868B:C07
356	5/14/98	1487	356	RTA00000586F.g.20.1	M00001478A:B06
357	5/14/98	1487	357	RTA00000606F.b.05.1	M00003825B:D12
358	5/14/98	1487	358	RTA00000588F.p.09.2	M00003972B:A11
359	5/14/98	1487	359	RTA00000595F.d.05.1	M00001599A:H09

## Priority Appln Information

SEQ ID NO:	Filed	Dkt No.	SEQ ID NO:	Sequence Name	Clone Name
360	5/14/98	1487	360	RTA00000587F.n.19.1	M00001572C:E07
361	5/14/98	1487	361	RTA00000590F.a.02.1	M00004240D:E06
362	5/14/98	1487	362	RTA00000587F.m.18.1	M00001569B:F04
363	5/14/98	1487	363	RTA00000583F.k.09.3	M00001362A:C10
364	5/14/98	1487	364	RTA00000608F.a.23.1	M00003974B:A04
365	5/14/98	1487	365	RTA00000597F.e.22.1	M00003784C:B09
366	5/14/98	1487	366	RTA00000583F.e.21.1	M00001348A:G04
367	5/14/98	1487	367	RTA00000607F.e.20.2	M00003912B:G11
368	5/14/98	1487	368	RTA00000614F.b.16.1	M00004388C:D05
369	5/14/98	1487	369	RTA00000587F.b.03.1	M00001518D:A10
370	5/14/98	1487	370	RTA00000609F.f.02.3	M00004060C:A11
371	5/14/98	1487	371	RTA00000587F.c.20.1	M00001536B:B11
372	5/14/98	1487	372	RTA00000612F.h.05.3	M00004245C:A03
373	5/14/98	1487	373	RTA00000596F.i.13.1	M00001693D:F07
374	5/14/98	1487	374	RTA00000585F.f.01.2	M00001426D:D09
375	5/14/98	1487	375	RTA00000611F.m.07.3	M00004196C:G05
376	5/14/98	1487	376	RTA00000606F.b.08.1	M00003825C:B12
377	5/14/98	1487	377	RTA00000609F.b.10.2	M00004048D:A07
378	5/14/98	1487	378	RTA00000609F.g.13.1	M00004067C:D08
379	5/14/98	1487	379	RTA00000587F.l.11.1	M00001565A:A02
380	5/14/98	1487	380	RTA00000608F.h.07.2	M00003993A:E12
381	5/14/98	1487	381	RTA00000596F.m.21.1	M00003754C:F01
382	5/14/98	1487	382	RTA00000586F.p.11.1	M00001506D:A11
383	5/14/98	1487	383	RTA00000610F.c.01.1	M00004104A:H09
384	5/14/98	1487	384	RTA00000597F.n.10.1	M00003815C:A06
385	5/14/98	1487	385	RTA00000595F.c.14.1	M00001597A:C07
386	5/14/98	1487	386	RTA00000586F.j.09.1	M00001488B:G12
387	5/14/98	1487	387	RTA00000608F.l.20.1	M00004032D:D03
388	5/14/98	1487	388	RTA00000613F.g.13.1	M00004324B:D09
389	5/14/98	1487	389	RTA00000587F.j.21.1	M00001561B:C10
390	5/14/98	1487	390	RTA00000583F.l.16.3	M00001365D:H09
391	5/14/98	1487	391	RTA00000614F.d.16.1	M00004406A:H03
392	5/14/98	1487	392	RTA00000610F.j.11.1	M00004134A:F08
393	5/14/98	1487	393	RTA00000611F.j.11.1	M00004188A:E05
394	5/14/98	1487	394	RTA00000609F.p.14.1	M00004093A:F03
395	5/14/98	1487	395	RTA00000597F.l.18.1	M00003811B:E07
396	5/14/98	1487	396	RTA00000585F.h.03.2	M00001432A:F12
397	5/14/98	1487	397	RTA00000607F.h.23.1	M00003920D:D09
398	5/14/98	1487	398	RTA00000607F.f.23.2	M00003915B:G07
399	5/14/98	1487	399	RTA00000607F.f.18.2	M00003915A:D09

## Priority Appln Information

SEQ ID NO:	Filed	Dkt No.	SEQ ID NO:	Sequence Name	Clone Name
400	5/14/98	1487	400	RTA00000609F.i.23.2	M00004073D:B11
401	5/14/98	1487	401	RTA00000612F.f.05.3	M00004236D:F04
402	5/14/98	1487	402	RTA00000597F.o.07.1	M00003818B:A01
403	5/14/98	1487	403	RTA00000611F.o.06.5	M00004201D:C11
404	5/14/98	1487	404	RTA00000589F.e.05.2	M00004051C:D02
405	5/14/98	1487	405	RTA00000584F.o.07.1	M00001407D:H11
406	5/14/98	1487	406	RTA00000608F.e.06.1	M00003983A:D02
407	5/14/98	1487	407	RTA00000595F.a.22.1	M00001588D:H08
408	5/14/98	1487	408	RTA00000611F.c.03.2	M00004164D:D02
409	5/14/98	1487	409	RTA00000585F.c.03.2	M00001418A:C02
410	5/14/98	1487	410	RTA00000611F.b.07.1	M00004161B:A12
411	5/14/98	1487	411	RTA00000587F.g.09.2	M00001546B:H01
412	5/14/98	1487	412	RTA00000611F.c.11.2	M00004165C:E09
413	5/14/98	1487	413	RTA00000610F.c.18.1	M00004108A:D04
414	5/14/98	1487	414	RTA00000611F.i.21.1	M00004186B:E05
415	5/14/98	1487	415	RTA00000597F.e.11.1	M00003782D:F04
416	5/14/98	1487	416	RTA00000586F.m.02.1	M00001496C:H10
417	5/14/98	1487	417	RTA00000585F.b.20.3	M00001417C:A09
418	5/14/98	1487	418	RTA00000606F.n.15.1	M00003881D:D09
419	5/14/98	1487	419	RTA00000611F.h.17.2	M00004183A:D06
420	5/14/98	1487	420	RTA00000609F.c.15.1	M00004052C:A08
421	5/14/98	1487	421	RTA00000614F.m.10.1	M00004497C:E09
422	5/14/98	1487	422	RTA00000612F.c.08.2	M00004218D:F12
423	5/14/98	1487	423	RTA00000613F.h.22.1	M00004332C:E09
424	5/14/98	1487	424	RTA00000587F.f.05.1	M00001543A:D03
425	5/14/98	1487	425	RTA00000585F.k.04.1	M00001438A:H10
426	5/14/98	1487	426	RTA00000585F.k.15.1	M00001439B:F10
427	5/14/98	1487	427	RTA00000609F.p.04.1	M00004092A:D04
428	5/14/98	1487	428	RTA00000585F.j.01.1	M00001435C:H05
429	5/14/98	1487	429	RTA00000587F.a.20.1	M00001517D:C03
430	5/14/98	1487	430	RTA00000609F.f.04.3	M00004060D:A07
431	5/14/98	1487	431	RTA00000611F.k.13.2	M00004190D:A10
432	5/14/98	1487	432	RTA00000586F.f.08.2	M00001471C:G03
433	5/14/98	1487	433	RTA00000585F.i.14.1	M00001435A:G01
434	5/14/98	1487	434	RTA00000614F.b.08.1	M00004385C:B11
435	5/14/98	1487	435	RTA00000609F.o.04.2	M00004089A:G03
436	5/14/98	1487	436	RTA00000583F.n.03.1	M00001370A:B01
437	5/14/98	1487	437	RTA00000584F.j.05.1	M00001396C:G02
438	5/14/98	1487	438	RTA00000608F.a.16.2	M00003973B:H06
439	5/14/98	1487	439	RTA00000583F.b.15.1	M00001341A:A11



Priority Appln Information					
SEQ ID NO:	Filed	Dkt No.	SEQ ID NO:	Sequence Name	Clone Name
440	5/14/98	1487	440	RTA00000596F.a.22.1	M00001659D:G08
441	5/14/98	1487	441	RTA00000589F.c.15.1	M00004030A:G12
442	5/14/98	1487	442	RTA00000610F.o.03.1	M00004149B:H12
443	5/14/98	1487	443	RTA00000596F.e.06.2	M00001677A:A12
444	5/14/98	1487	444	RTA00000607F.p.01.2	M00003965A:F07
445	5/14/98	1487	445	RTA00000611F.c.16.2	M00004166A:F02
446	5/14/98	1487	446	RTA00000611F.b.01.1	M00004159D:H07
447	5/14/98	1487	447	RTA00000612F.b.12.2	M00004217A:A11
448	5/14/98	1487	448	RTA00000584F.h.09.1	M00001391D:A09
449	5/14/98	1487	449	RTA00000612F.g.18.3	M00004242C:C02
450	5/14/98	1487	450	RTA00000609F.b.18.2	M00004049D:G04
451	5/14/98	1487	451	RTA00000608F.f.17.1	M00003987D:F06
452	5/14/98	1487	452	RTA00000589F.e.21.2	M00004058B:F12
453	5/14/98	1487	453	RTA00000606F.j.07.1	M00003857C:A03
454	5/14/98	1487	454	RTA00000610F.b.21.1	M00004103C:F11
455	5/14/98	1487	455	RTA00000611F.c.22.2	M00004166D:G07
456	5/14/98	1487	456	RTA00000583F.d.04.1	M00001344D:G11
457	5/14/98	1487	457	RTA00000610F.h.08.1	M00004126B:G02
458	5/14/98	1487	458	RTA00000596F.a.06.1	M00001658B:C07
459	5/14/98	1487	459	RTA00000612F.o.10.2	M00004281B:B05
460	5/14/98	1487	460	RTA00000610F.l.22.1	M00004143A:G12
461	5/14/98	1487	461	RTA00000612F.o.09.2	M00004281B:B03
462	5/14/98	1487	462	RTA00000596F.f.09.2	M00001681A:H09
463	5/14/98	1487	463	RTA00000607F.p.13.2	M00003970A:G10
464	5/14/98	1487	464	RTA00000610F.e.11.1	M00004115C:H04
465	5/14/98	1487	465	RTA00000611F.b.02.1	M00004160A:A01
466	5/14/98	1487	466	RTA00000608F.j.24.1	M00004027C:H01
467	5/14/98	1487	467	RTA00000614F.k.22.1	M00004470C:A02
468	5/14/98	1487	468	RTA00000612F.h.09.3	M00004247A:E01
469	5/14/98	1487	469	RTA00000587F.f.01.1	M00001542C:D10
470	5/14/98	1487	470	RTA00000608F.d.04.1	M00003980C:G10
471	5/14/98	1487	471	RTA00000585F.m.16.2	M00001443D:C03
472	5/14/98	1487	472	RTA00000613F.c.17.1	M00004298B:D04
473	5/14/98	1487	473	RTA00000613F.h.19.1	M00004332B:D02
474	5/14/98	1487	474	RTA00000609F.d.07.1	M00004054B:G02
475	5/14/98	1487	475	RTA00000606F.o.17.1	M00003887B:C03
476	5/14/98	1487	476	RTA00000585F.n.10.1	M00001445B:E03
477	5/14/98	1487	477	RTA00000612F.p.04.2	M00004284B:F07
478	5/14/98	1487	478	RTA00000589F.c.02.1	M00003997B:H04
479	5/14/98	1487	479	RTA00000608F.p.16.1	M00004044A:F08

Priority Appln Information					
SEQ ID NO:	Filed	Dkt No.	SEQ ID NO:	Sequence Name	Clone Name
480	5/14/98	1487	480	RTA00000597F.n.12.1	M00003815D:D01
481	5/14/98	1487	481	RTA00000608F.l.10.1	M00004031A:G05
482	5/14/98	1487	482	RTA00000606F.o.05.1	M00003884D:A12
483	5/14/98	1487	483	RTA00000587F.j.05.1	M00001558B:A12
484	5/14/98	1487	484	RTA00000584F.d.15.1	M00001384A:C09
485	5/14/98	1487	485	RTA00000612F.n.22.1	M00004279D:E02
486	5/14/98	1487	486	RTA00000585F.m.13.2	M00001443D:A01
487	5/14/98	1487	487	RTA00000586F.m.22.1	M00001500A:D09
488	5/14/98	1487	488	RTA00000608F.i.17.1	M00003997D:G11
489	5/14/98	1487	489	RTA00000614F.k.04.1	M00004466A:E09
490	5/14/98	1487	490	RTA00000608F.n.15.1	M00004037C:C05
491	5/14/98	1487	491	RTA00000610F.m.06.1	M00004143C:F08
492	5/14/98	1487	492	RTA00000585F.d.12.2	M00001422D:D02
493	5/14/98	1487	493	RTA00000608F.b.19.1	M00003976D:D12
494	5/14/98	1487	494	RTA00000596F.k.06.1	M00003745C:E03
495	5/14/98	1487	495	RTA00000609F.o.14.2	M00004091A:E01
496	5/14/98	1487	496	RTA00000607F.m.14.1	M00003949B:A08
497	5/14/98	1487	497	RTA00000606F.f.08.1	M00003841B:D05
498	5/14/98	1487	498	RTA00000583F.l.14.3	M00001365D:D12
499	5/14/98	1487	499	RTA00000614F.g.04.1	M00004419D:G01
500	5/14/98	1487	500	RTA00000610F.m.21.1	M00004145C:A03
501	5/14/98	1487	501	RTA00000585F.d.16.1	M00001423C:D06
502	5/14/98	1487	502	RTA00000588F.o.05.2	M00003918C:E07
503	5/14/98	1487	503	RTA00000585F.b.04.3	M00001415D:E12
504	5/14/98	1487	504	RTA00000588F.d.21.1	M00001687C:A06
505	5/14/98	1487	505	RTA00000595F.g.16.1	M00001614C:G04
506	5/14/98	1487	506	RTA00000612F.i.18.2	M00004253B:F06
507	5/14/98	1487	507	RTA00000612F.e.12.1	M00004234B:G06
508	5/14/98	1487	508	RTA00000583F.p.08.1	M00001374D:D09
509	5/14/98	1487	509	RTA00000608F.b.04.1	M00003974C:A05
510	5/14/98	1487	510	RTA00000596F.l.07.1	M00003749B:C08
511	5/14/98	1487	511	RTA00000597F.l.02.1	M00003809A:H12
512	5/14/98	1487	512	RTA00000595F.j.05.1	M00001626C:C10
513	5/14/98	1487	513	RTA00000586F.k.18.1	M00001491D:E07
514	5/14/98	1487	514	RTA00000608F.p.07.1	M00004041D:E06
515	5/14/98	1487	515	RTA00000596F.m.07.1	M00003752D:D09
516	5/14/98	1487	516	RTA00000588F.l.20.2	M00003859C:B09
517	5/14/98	1487	517	RTA00000614F.a.20.1	M00004383A:F02
518	5/14/98	1487	518	RTA00000597F.i.20.1	M00003799B:D02
519	5/14/98	1487	519	RTA00000611F.n.14.3	M00004200A:A09

## Priority Appln Information

SEQ ID NO:	Filed	Dkt No.	SEQ ID NO:	Sequence Name	Clone Name
520	5/14/98	1487	520	RTA00000586F.m.10.1	M00001499A:D01
521	5/14/98	1487	521	RTA00000607F.i.06.4	M00003921D:C06
522	5/14/98	1487	522	RTA00000585F.p.19.2	M00001453B:F08
523	5/14/98	1487	523	RTA00000583F.c.06.1	M00001342C:A04
524	5/14/98	1487	524	RTA00000595F.p.20.1	M00001656D:F11
525	5/14/98	1487	525	RTA00000606F.g.02.1	M00003844C:D04
526	5/14/98	1487	526	RTA00000606F.d.10.1	M00003834A:A03
527	5/14/98	1487	527	RTA00000597F.f.21.1	M00003787B:D07
528	5/14/98	1487	528	RTA00000613F.h.17.1	M00004331D:H08
529	5/14/98	1487	529	RTA00000612F.h.19.3	M00004249D:G02
530	5/14/98	1487	530	RTA00000589F.h.23.1	M00004091B:G04
531	5/14/98	1487	531	RTA00000614F.e.06.1	M00004408D:A10
532	5/14/98	1487	532	RTA00000612F.j.20.2	M00004262C:C01
533	5/14/98	1487	533	RTA00000597F.m.07.1	M00003812B:F08
534	5/14/98	1487	534	RTA00000589F.j.08.1	M00004115A:F01
535	5/14/98	1487	535	RTA00000609F.g.16.1	M00004068A:F02
536	5/14/98	1487	536	RTA00000587F.i.18.1	M00001556D:A11
537	5/14/98	1487	537	RTA00000610F.c.05.1	M00004104D:C09
538	5/14/98	1487	538	RTA00000607F.o.16.2	M00003963B:D12
539	5/14/98	1487	539	RTA00000585F.i.08.1	M00001434C:D05
540	5/14/98	1487	540	RTA00000584F.a.15.2	M00001377A:E01
541	5/14/98	1487	541	RTA00000611F.p.24.2	M00004210A:B09
542	5/14/98	1487	542	RTA00000607F.a.13.3	M00003893C:D12
543	5/14/98	1487	543	RTA00000612F.f.03.1	M00004236D:E07
544	5/14/98	1487	544	RTA00000606F.p.14.1	M00003890B:H07
545	5/14/98	1487	545	RTA00000612F.j.17.2	M00004260C:E10
546	5/14/98	1487	546	RTA00000585F.c.24.2	M00001421A:H07
547	5/14/98	1487	547	RTA00000607F.i.24.2	M00003926B:E03
548	5/14/98	1487	548	RTA00000609F.e.15.3	M00004058C:E08
549	5/14/98	1487	549	RTA00000584F.p.18.1	M00001411C:G02
550	5/14/98	1487	550	RTA00000610F.i.10.1	M00004130C:A09
551	5/14/98	1487	551	RTA00000585F.b.17.3	M00001417B:C07
552	5/14/98	1487	552	RTA00000586F.o.12.1	M00001504C:H11
553	5/14/98	1487	553	RTA00000608F.g.24.1	M00003992C:G01
554	5/14/98	1487	554	RTA00000584F.e.20.1	M00001387A:A04
555	5/14/98	1487	555	RTA00000588F.j.23.3	M00003843A:B01
556	5/14/98	1487	556	RTA00000585F.b.21.3	M00001417C:E02
557	5/14/98	1487	557	RTA00000584F.o.08.1	M00001408A:B02
558	5/14/98	1487	558	RTA00000587F.k.22.1	M00001563C:D06
559	5/14/98	1487	559	RTA00000608F.a.07.3	M00003972C:F02

Priority Appln Information					
SEQ ID NO:	Filed	Dkt No.	SEQ ID NO:	Sequence Name	Clone Name
560	5/14/98	1487	560	RTA00000597F.c.04.4	M00003773B:E09
561	5/14/98	1487	561	RTA00000596F.c.06.1	M00001669B:A03
562	5/14/98	1487	562	RTA00000588F.o.01.2	M00003912C:H01
563	5/14/98	1487	563	RTA00000597F.i.16.1	M00003797D:H06
564	5/14/98	1487	564	RTA00000583F.n.07.1	M00001370B:D04
565	5/14/98	1487	565	RTA00000597F.f.07.1	M00003785D:E01
566	5/14/98	1487	566	RTA00000587F.f.06.1	M00001543A:E04
567	5/14/98	1487	567	RTA00000614F.o.11.1	M00004509A:H02
568	5/14/98	1487	568	RTA00000597F.b.16.5	M00003771D:A10
569	5/14/98	1487	569	RTA00000608F.m.19.1	M00004035B:H11
570	5/14/98	1487	570	RTA00000597F.k.21.1	M00003808C:D09
571	5/14/98	1487	571	RTA00000584F.o.13.1	M00001409C:D01
572	5/14/98	1487	572	RTA00000588F.n.10.3	M00003895D:A03
573	5/14/98	1487	573	RTA00000589F.h.17.1	M00004089A:F02
574	5/14/98	1487	574	RTA00000609F.h.13.1	M00004069D:G02
575	5/14/98	1487	575	RTA00000608F.p.15.1	M00004043D:C10
576	5/14/98	1487	576	RTA00000595F.l.16.1	M00001640A:F02
577	5/14/98	1487	577	RTA00000585F.j.21.1	M00001437B:B05
578	5/14/98	1487	578	RTA00000595F.o.01.2	M00001649B:E08
579	5/14/98	1487	579	RTA00000606F.c.03.1	M00003829A:B08
580	5/14/98	1487	580	RTA00000583F.n.04.1	M00001370A:G09
581	5/14/98	1487	581	RTA00000596F.p.20.1	M00003766B:G04
582	5/14/98	1487	582	RTA00000611F.c.20.2	M00004166C:A03
583	5/14/98	1487	583	RTA00000584F.l.19.1	M00001399D:F09
584	5/14/98	1487	584	RTA00000589F.p.23.1	M00004239C:A07
585	5/14/98	1487	585	RTA00000607F.c.09.2	M00003903C:H03
586	5/14/98	1487	586	RTA00000585F.p.23.2	M00001453D:F09
587	5/14/98	1487	587	RTA00000596F.j.13.1	M00003741A:E01
588	5/14/98	1487	588	RTA00000584F.m.03.1	M00001400D:B08
589	5/14/98	1487	589	RTA00000595F.o.03.2	M00001649D:H05
590	5/14/98	1487	590	RTA00000589F.j.03.1	M00004109B:A01
591	5/14/98	1487	591	RTA00000610F.c.14.1	M00004107C:A01
592	5/14/98	1487	592	RTA00000614F.f.02.1	M00004412B:E03
593	5/14/98	1487	593	RTA00000608F.b.23.1	M00003977C:A08
594	5/14/98	1487	594	RTA00000597F.i.06.1	M00003796B:C07
595	5/14/98	1487	595	RTA00000609F.n.20.1	M00004087C:F05
596	5/14/98	1487	596	RTA00000597F.c.08.2	M00003773C:G06
597	5/14/98	1487	597	RTA00000612F.c.05.2	M00004218C:G10
598	5/14/98	1487	598	RTA00000589F.o.14.1	M00004202B:A02
599	5/14/98	1487	599	RTA00000609F.h.15.1	M00004071A:H03

## Priority Appln Information

SEQ ID NO:	Filed	Dkt No.	SEQ ID NO:	Sequence Name	Clone Name
600	5/14/98	1487	600	RTA00000596F.p.15.1	M00003765D:E02
601	5/14/98	1487	601	RTA00000597F.k.22.1	M00003809A:A12
602	5/14/98	1487	602	RTA00000608F.k.09.1	M00004028C:D01
603	5/14/98	1487	603	RTA00000612F.p.23.2	M00004287C:B06
604	5/14/98	1487	604	RTA00000610F.n.02.1	M00004146D:A07
605	5/14/98	1487	605	RTA00000587F.h.19.2	M00001551D:C12
606	5/14/98	1487	606	RTA00000607F.k.18.1	M00003934D:F01
607	5/14/98	1487	607	RTA00000588F.m.10.3	M00003868D:F07
608	5/14/98	1487	608	RTA00000612F.p.21.1	M00004287B:B12
609	5/14/98	1487	609	RTA00000585F.m.08.1	M00001443A:E02
610	5/14/98	1487	610	RTA00000612F.d.01.1	M00004225D:F01
611	5/14/98	1487	611	RTA00000596F.d.20.1	M00001675C:B03
612	5/14/98	1487	612	RTA00000611F.k.12.2	M00004190C:G07
613	5/14/98	1487	613	RTA00000612F.j.11.2	M00004257C:A08
614	5/14/98	1487	614	RTA00000614F.j.16.1	M00004463C:F11
615	5/14/98	1487	615	RTA00000611F.k.15.3	M00004190D:G12
616	5/14/98	1487	616	RTA00000612F.j.01.2	M00004253D:F09
617	5/14/98	1487	617	RTA00000606F.o.23.1	M00003888B:A10
618	5/14/98	1487	618	RTA00000606F.i.13.1	M00003852D:D03
619	5/14/98	1487	619	RTA00000588F.i.22.3	M00003833D:D06
620	5/14/98	1487	620	RTA00000585F.j.03.1	M00001435D:A06
621	5/14/98	1487	621	RTA00000608F.i.21.1	M00003998A:G12
622	5/14/98	1487	622	RTA00000584F.o.02.1	M00001406D:B06
623	5/14/98	1487	623	RTA00000608F.m.17.1	M00004035B:F05
624	5/14/98	1487	624	RTA00000612F.k.08.2	M00004263D:F06
625	5/14/98	1487	625	RTA00000608F.p.20.1	M00004045A:B12
626	5/14/98	1487	626	RTA00000610F.n.07.1	M00004147A:G03
627	5/14/98	1487	627	RTA00000608F.j.17.1	M00004027A:B10
628	5/14/98	1487	628	RTA00000596F.n.23.1	M00003759A:E10
629	5/14/98	1487	629	RTA00000612F.a.17.2	M00004214A:D03
630	5/14/98	1487	630	RTA00000612F.i.17.2	M00004253B:A10
631	5/14/98	1487	631	RTA00000585F.p.15.2	M00001452D:E05
632	5/14/98	1487	632	RTA00000614F.m.15.1	M00004498B:E01
633	5/14/98	1487	633	RTA00000607F.a.08.3	M00003892D:D04
634	5/14/98	1487	634	RTA00000606F.p.16.1	M00003890D:C03
635	5/14/98	1487	635	RTA00000610F.j.12.1	M00004134A:H04
636	5/14/98	1487	636	RTA00000608F.o.16.1	M00004040C:G12
637	5/14/98	1487	637	RTA00000588F.o.20.2	M00003958C:C10
638	5/14/98	1487	638	RTA00000585F.p.06.2	M00001451B:H11
639	5/14/98	1487	639	RTA00000610F.j.05.1	M00004133D:A01

Priority Appln Information					
SEQ ID NO:	Filed	Dkt No.	SEQ ID NO:	Sequence Name	Clone Name
640	5/14/98	1487	640	RTA00000606F.e.17.1	M00003839C:B05
641	5/14/98	1487	641	RTA00000609F.n.05.1	M00004086A:A03
642	5/14/98	1487	642	RTA00000614F.p.22.1	M00004609C:C11
643	5/14/98	1487	643	RTA00000585F.h.16.2	M00001433A:F04
644	5/14/98	1487	644	RTA00000611F.n.02.3	M00004198D:H04
645	5/14/98	1487	645	RTA00000614F.p.06.1	M00004605C:A09
646	5/14/98	1487	646	RTA00000584F.l.17.1	M00001399D:F01
647	5/14/98	1487	647	RTA00000584F.p.17.1	M00001411C:F02
648	5/14/98	1487	648	RTA00000595F.l.17.1	M00001640A:F04
649	5/14/98	1487	649	RTA00000583F.h.07.1	M00001353B:D11
650	5/14/98	1487	650	RTA00000585F.l.19.1	M00001442A:D08
651	5/14/98	1487	651	RTA00000610F.i.13.1	M00004130D:E04
652	5/14/98	1487	652	RTA00000608F.n.05.1	M00004036B:F09
653	5/14/98	1487	653	RTA00000612F.m.19.1	M00004276C:E12
654	5/14/98	1487	654	RTA00000595F.h.22.1	M00001621C:A04
655	5/14/98	1487	655	RTA00000608F.j.12.1	M00003999C:C12
656	5/14/98	1487	656	RTA00000608F.k.07.2	M00004028C:B04
657	5/14/98	1487	657	RTA00000608F.o.12.1	M00004040B:B09
658	5/14/98	1487	658	RTA00000597F.a.08.5	M00003767C:F04
659	5/14/98	1487	659	RTA00000585F.i.23.1	M00001435C:G08
660	5/14/98	1487	660	RTA00000586F.j.06.1	M00001487D:G03
661	5/14/98	1487	661	RTA00000608F.b.15.1	M00003976C:C05
662	5/14/98	1487	662	RTA00000609F.h.06.1	M00004069B:B01
663	5/14/98	1487	663	RTA00000612F.h.13.3	M00004248A:G08
664	5/14/98	1487	664	RTA00000611F.j.08.1	M00004187C:H09
665	5/14/98	1487	665	RTA00000609F.j.18.1	M00004076A:E02
666	5/14/98	1487	666	RTA00000608F.p.01.1	M00004041B:F01
667	5/14/98	1487	667	RTA00000584F.m.16.1	M00001402D:H03
668	5/14/98	1487	668	RTA00000589F.d.04.1	M00004036C:D01
669	5/14/98	1487	669	RTA00000612F.p.12.2	M00004285B:E01
670	5/14/98	1487	670	RTA00000589F.e.09.1	M00004052C:B05
671	5/14/98	1487	671	RTA00000584F.m.11.1	M00001402C:E09
672	5/14/98	1487	672	RTA00000595F.i.18.1	M00001624A:A09
673	5/14/98	1487	673	RTA00000609F.k.04.2	M00004078A:F03
674	5/14/98	1487	674	RTA00000611F.n.17.2	M00004200B:B04
675	5/14/98	1487	675	RTA00000595F.j.03.1	M00001626B:H05
676	5/14/98	1487	676	RTA00000611F.o.11.3	M00004202B:F04
677	5/14/98	1487	677	RTA00000597F.e.16.1	M00003783C:A06
678	5/14/98	1487	678	RTA00000583F.d.16.1	M00001346A:B09
679	5/14/98	1487	679	RTA00000589F.l.24.1	M00004159D:C04

## Priority Appln Information

SEQ ID NO:	Filed	Dkt No.	SEQ ID NO:	Sequence Name	Clone Name
680	5/14/98	1487	680	RTA00000597F.a.17.2	M00003769B:A04
681	5/14/98	1487	681	RTA00000584F.p.22.1	M00001412A:A11
682	5/14/98	1487	682	RTA00000587F.i.23.1	M00001557B:D10
683	5/14/98	1487	683	RTA00000612F.l.16.2	M00004269D:E08
684	5/14/98	1487	684	RTA00000584F.c.01.1	M00001380C:D10
685	5/14/98	1487	685	RTA00000606F.g.21.1	M00003846D:C12
686	5/14/98	1487	686	RTA00000611F.j.12.1	M00004188A:E10
687	5/14/98	1487	687	RTA00000585F.h.10.2	M00001432C:G01
688	5/14/98	1487	688	RTA00000585F.h.10.1	M00001432C:G01
689	5/14/98	1487	689	RTA00000587F.j.15.1	M00001560C:C01
690	5/14/98	1487	690	RTA00000608F.o.06.1	M00004039D:D03
691	5/14/98	1487	691	RTA00000596F.e.05.2	M00001677A:A06
692	5/14/98	1487	692	RTA00000584F.p.07.1	M00001411A:D01
693	5/14/98	1487	693	RTA00000612F.i.13.2	M00004252D:H08
694	5/14/98	1487	694	RTA00000607F.i.14.4	M00003923A:H07
695	5/14/98	1487	695	RTA00000595F.m.17.2	M00001645B:C09
696	5/14/98	1487	696	RTA00000595F.i.02.1	M00001621D:B09
697	5/14/98	1487	697	RTA00000585F.p.12.2	M00001452B:F09
698	5/14/98	1487	698	RTA00000589F.m.02.1	M00004160A:D07
699	5/14/98	1487	699	RTA00000595F.p.11.1	M00001655A:F07
700	5/14/98	1487	700	RTA00000589F.o.15.1	M00004202B:G09
701	5/14/98	1487	701	RTA00000609F.e.12.3	M00004058B:C11
702	5/14/98	1487	702	RTA00000588F.l.13.2	M00003858A:D01
703	5/14/98	1487	703	RTA00000608F.f.22.2	M00003988B:C10
704	5/14/98	1487	704	RTA00000612F.i.11.2	M00004252D:A07
705	5/14/98	1487	705	RTA00000590F.b.13.1	M00004277D:C08
706	5/14/98	1487	706	RTA00000609F.a.21.2	M00004047B:G09
707	5/14/98	1487	707	RTA00000586F.e.12.1	M00001468D:D11
708	5/14/98	1487	708	RTA00000595F.k.10.1	M00001634C:E12
709	5/14/98	1487	709	RTA00000583F.e.02.1	M00001346C:B07
710	5/14/98	1487	710	RTA00000589F.d.01.1	M00004035D:C05
711	5/14/98	1487	711	RTA00000584F.n.14.1	M00001406A:G12
712	5/14/98	1487	712	RTA00000612F.k.21.2	M00004266B:H06
713	5/14/98	1487	713	RTA00000612F.m.05.1	M00004272D:D02
714	5/14/98	1487	714	RTA00000584F.a.20.2	M00001377C:B08
715	5/14/98	1487	715	RTA00000612F.b.11.2	M00004217A:A05
716	5/14/98	1487	716	RTA00000610F.h.13.1	M00004126D:B11
717	5/14/98	1487	717	RTA00000611F.d.04.1	M00004167C:F10
718	5/14/98	1487	718	RTA00000607F.f.12.2	M00003914C:E03
719	5/14/98	1487	719	RTA00000586F.j.10.1	M00001488B:H02

Priority Appln Information					
SEQ ID NO:	Filed	Dkt No.	SEQ ID NO:	Sequence Name	Clone Name
720	5/14/98	1487	720	RTA00000584F.p.20.1	M00001411D:C01
721	5/14/98	1487	721	RTA00000612F.i.19.2	M00004253C:E10
722	5/14/98	1487	722	RTA00000608F.i.09.1	M00003996D:C04
723	5/14/98	1487	723	RTA00000584F.g.09.1	M00001390A:H01
724	5/14/98	1487	724	RTA00000584F.n.12.1	M00001405D:F05
725	5/14/98	1487	725	RTA00000584F.j.12.1	M00001397B:H11
726	5/14/98	1487	726	RTA00000611F.h.21.2	M00004183D:B07
727	5/14/98	1487	727	RTA00000606F.l.23.1	M00003871A:E09
728	5/14/98	1487	728	RTA00000585F.b.01.3	M00001415D:A05
729	5/14/98	1487	729	RTA00000595F.i.13.1	M00001623B:B01
730	5/14/98	1487	730	RTA00000589F.l.22.1	M00004158C:F03
731	5/14/98	1487	731	RTA00000608F.l.14.1	M00004031D:G02
732	5/14/98	1487	732	RTA00000614F.k.18.1	M00004469A:C12
733	5/14/98	1487	733	RTA00000609F.g.19.1	M00004068B:D04
734	5/14/98	1487	734	RTA00000606F.g.05.1	M00003845A:A05
735	5/14/98	1487	735	RTA00000585F.i.03.1	M00001434A:A01
736	5/14/98	1487	736	RTA00000590F.a.15.1	M00004247B:C11
737	5/14/98	1487	737	RTA00000612F.j.15.2	M00004260C:A12
738	5/14/98	1487	738	RTA00000612F.g.13.3	M00004241B:B01
739	5/14/98	1487	739	RTA00000606F.d.21.1	M00003835D:H05
740	5/14/98	1487	740	RTA00000584F.b.06.1	M00001378B:F06
741	5/14/98	1487	741	RTA00000614F.e.17.1	M00004410A:E03
742	5/14/98	1487	742	RTA00000612F.a.13.2	M00004213A:H12
743	5/14/98	1487	743	RTA00000585F.o.10.2	M00001448A:D05
744	5/14/98	1487	744	RTA00000588F.i.14.3	M00003830A:A10
745	5/14/98	1487	745	RTA00000595F.e.10.1	M00001605D:G01
746	5/14/98	1487	746	RTA00000584F.b.06.2	M00001378B:F06
747	5/14/98	1487	747	RTA00000608F.j.05.1	M00003998C:H10
748	5/14/98	1487	748	RTA00000611F.j.24.2	M00004190A:C12
749	5/14/98	1487	749	RTA00000606F.h.12.1	M00003850B:D11
750	5/14/98	1487	750	RTA00000608F.c.22.1	M00003980B:F12
751	5/14/98	1487	751	RTA00000588F.b.03.1	M00001618B:F02
752	5/15/98	1488	1	RTA00000623F.c.23.1	M00007118C:G2
753	5/15/98	1488	2	RTA00000592F.e.05.1	M00005799C:C12
754	5/15/98	1488	3	RTA00000590F.p.04.1	M00005390B:G10
755	5/15/98	1488	4	RTA00000621F.m.13.1	M00006986C:G11
756	5/15/98	1488	5	RTA00000625F.n.12.1	M00006604C:H10
757	5/15/98	1488	6	RTA00000624F.b.01.1	M00005539D:G7
758	5/15/98	1488	7	RTA00000618F.h.12.1	M00006698B:E6
759	5/15/98	1488	8	RTA00000615F.h.16.1	M00005015D:D11



## Priority Appln Information

SEQ ID NO:	Filed	Dkt No.	SEQ ID NO:	Sequence Name	Clone Name
760	5/15/98	1488	9	RTA00000618F.l.23.1	M00006721C:G7
761	5/15/98	1488	10	RTA00000619F.n.10.3	M00006820A:G5
762	5/15/98	1488	11	RTA00000621F.o.06.1	M00006992C:G2
763	5/15/98	1488	12	RTA00000619F.c.17.1	M00006756D:E10
764	5/15/98	1488	13	RTA00000615F.i.14.1	M00005294D:H2
765	5/15/98	1488	14	RTA00000617F.k.23.1	M00005496D:A10
766	5/15/98	1488	15	RTA00000623F.e.05.1	M00007125D:E3
767	5/15/98	1488	16	RTA00000617F.c.04.1	M00005456B:B7
768	5/15/98	1488	17	RTA00000623F.a.23.1	M00007107A:D11
769	5/15/98	1488	18	RTA00000619F.f.15.1	M00006770B:C5
770	5/15/98	1488	19	RTA00000626F.f.07.1	M00006650A:A10
771	5/15/98	1488	20	RTA00000624F.h.14.1	M00005621D:F1
772	5/15/98	1488	21	RTA00000617F.f.09.2	M00005469D:C11
773	5/15/98	1488	22	RTA00000620F.b.02.1	M00006835B:F4
774	5/15/98	1488	23	RTA00000616F.k.05.1	M00005415D:G2
775	5/15/98	1488	24	RTA00000617F.a.01.1	M00005447B:D2
776	5/15/98	1488	25	RTA00000592F.f.23.1	M00006587A:H8
777	5/15/98	1488	26	RTA00000623F.h.17.1	M00007150A:C9
778	5/15/98	1488	27	RTA00000622F.b.02.1	M00007010B:H1
779	5/15/98	1488	28	RTA00000621F.p.05.1	M00006995C:A2
780	5/15/98	1488	29	RTA00000620F.j.05.1	M00006884D:D6
781	5/15/98	1488	30	RTA00000623F.h.20.1	M00007150A:H6
782	5/15/98	1488	31	RTA00000590F.p.21.1	M00005399A:D1
783	5/15/98	1488	32	RTA00000622F.c.03.1	M00007013B:F2
784	5/15/98	1488	33	RTA00000623F.f.06.1	M00007132B:B11
785	5/15/98	1488	34	RTA00000617F.e.23.2	M00005468A:D8
786	5/15/98	1488	35	RTA00000623F.n.17.1	M00007204C:F9
787	5/15/98	1488	36	RTA00000619F.a.12.1	M00006743B:G12
788	5/15/98	1488	37	RTA00000621F.n.06.1	M00006989B:C11
789	5/15/98	1488	38	RTA00000623F.a.18.1	M00007105D:C7
790	5/15/98	1488	39	RTA00000624F.a.15.1	M00005534B:H10
791	5/15/98	1488	40	RTA00000625F.h.04.1	M00005810C:D4
792	5/15/98	1488	41	RTA00000591F.g.05.1	M00005460B:D2
793	5/15/98	1488	42	RTA00000620F.i.14.1	M00006882A:D1
794	5/15/98	1488	43	RTA00000624F.a.14.1	M00005534A:G6
795	5/15/98	1488	44	RTA00000621F.h.14.1	M00006960D:E6
796	5/15/98	1488	45	RTA00000617F.k.19.1	M00005494D:F11
797	5/15/98	1488	46	RTA00000625F.d.17.1	M00005763B:H9
798	5/15/98	1488	47	RTA00000620F.l.13.1	M00006901D:A11
799	5/15/98	1488	48	RTA00000623F.g.04.1	M00007140A:F11

Priority Appln Information					
SEQ ID NO:	Filed	Dkt No.	SEQ ID NO:	Sequence Name	Clone Name
800	5/15/98	1488	49	RTA00000622F.b.03.1	M00007010B:H3
801	5/15/98	1488	50	RTA00000615F.k.17.1	M00005342A:C4
802	5/15/98	1488	51	RTA00000618F.m.11.1	M00006725A:A3
803	5/15/98	1488	52	RTA00000618F.e.06.1	M00006686A:G12
804	5/15/98	1488	53	RTA00000619F.k.08.1	M00006805B:C4
805	5/15/98	1488	54	RTA00000590F.h.23.2	M00004840C:F2
806	5/15/98	1488	55	RTA00000622F.c.09.1	M00007014C:B7
807	5/15/98	1488	56	RTA00000619F.h.17.1	M00006785B:F9
808	5/15/98	1488	57	RTA00000617F.d.01.1	M00005460A:B10
809	5/15/98	1488	58	RTA00000620F.b.17.1	M00006837C:G6
810	5/15/98	1488	59	RTA00000616F.c.13.1	M00005383D:D6
811	5/15/98	1488	60	RTA00000619F.g.16.1	M00006779B:A11
812	5/15/98	1488	61	RTA00000591F.i.12.1	M00005480A:H12
813	5/15/98	1488	62	RTA00000615F.b.20.1	M00004846A:D2
814	5/15/98	1488	63	RTA00000615F.l.18.1	M00005352C:G9
815	5/15/98	1488	64	RTA00000591F.m.19.1	M00005519B:H4
816	5/15/98	1488	65	RTA00000620F.i.10.1	M00006879A:H11
817	5/15/98	1488	66	RTA00000618F.o.02.1	M00006733D:G12
818	5/15/98	1488	67	RTA00000620F.c.18.1	M00006846A:B1
819	5/15/98	1488	68	RTA00000624F.a.07.1	M00005530B:D3
820	5/15/98	1488	69	RTA00000592F.c.10.1	M00005704A:B11
821	5/15/98	1488	70	RTA00000618F.c.04.1	M00006676B:F11
822	5/15/98	1488	71	RTA00000591F.f.04.1	M00005452C:A2
823	5/15/98	1488	72	RTA00000617F.k.22.1	M00005496C:A1
824	5/15/98	1488	73	RTA00000626F.e.02.1	M00006644A:B11
825	5/15/98	1488	74	RTA00000592F.d.09.1	M00005765C:C4
826	5/15/98	1488	75	RTA00000615F.n.23.1	M00005359D:H8
827	5/15/98	1488	76	RTA00000591F.i.15.1	M00005480C:B12
828	5/15/98	1488	77	RTA00000624F.a.11.1	M00005531B:A3
829	5/15/98	1488	78	RTA00000590F.i.01.1	M00004841C:B9
830	5/15/98	1488	79	RTA00000626F.d.05.1	M00006640A:B1
831	5/15/98	1488	80	RTA00000591F.e.19.1	M00005450A:B10
832	5/15/98	1488	81	RTA00000625F.m.06.1	M00006594A:E8
833	5/15/98	1488	82	RTA00000615F.k.22.1	M00005342B:G10
834	5/15/98	1488	83	RTA00000615F.m.11.1	M00005354C:E2
835	5/15/98	1488	84	RTA00000624F.j.16.1	M00005631A:A11
836	5/15/98	1488	85	RTA00000626F.d.07.1	M00006640B:F5
837	5/15/98	1488	86	RTA00000620F.p.19.1	M00006923C:B1
838	5/15/98	1488	87	RTA00000615F.f.10.1	M00004999A:F1
839	5/15/98	1488	88	RTA00000615F.b.19.1	M00004845D:E11

Priority Appln Information					
SEQ ID NO:	Filed	Dkt No.	SEQ ID NO:	Sequence Name	Clone Name
840	5/15/98	1488	89	RTA00000626F.a.07.1	M00006626A:G11
841	5/15/98	1488	90	RTA00000592F.b.20.1	M00005685B:D8
842	5/15/98	1488	91	RTA00000622F.p.16.1	M00007100C:D1
843	5/15/98	1488	92	RTA00000620F.a.16.1	M00006834A:C8
844	5/15/98	1488	93	RTA00000623F.e.21.1	M00007130B:B3
845	5/15/98	1488	94	RTA00000619F.k.05.1	M00006805A:E11
846	5/15/98	1488	95	RTA00000626F.c.10.1	M00006636D:A5
847	5/15/98	1488	96	RTA00000619F.i.13.1	M00006791B:B8
848	5/15/98	1488	97	RTA00000620F.k.22.1	M00006895D:E10
849	5/15/98	1488	98	RTA00000617F.a.17.1	M00005450D:D2
850	5/15/98	1488	99	RTA00000617F.c.18.1	M00005457D:C8
851	5/15/98	1488	100	RTA00000626F.g.12.1	M00006664B:B4
852	5/15/98	1488	101	RTA00000617F.j.11.1	M00005489A:F6
853	5/15/98	1488	102	RTA00000621F.c.11.1	M00006936B:E9
854	5/15/98	1488	103	RTA00000623F.f.12.1	M00007134B:G7
855	5/15/98	1488	104	RTA00000626F.g.17.1	M00006665A:F7
856	5/15/98	1488	105	RTA00000619F.o.06.4	M00006823D:D12
857	5/15/98	1488	106	RTA00000625F.j.10.1	M00005837A:D12
858	5/15/98	1488	107	RTA00000620F.k.12.1	M00006893C:F2
859	5/15/98	1488	108	RTA00000625F.j.06.1	M00005828D:C9
860	5/15/98	1488	109	RTA00000616F.b.12.1	M00005378A:A8
861	5/15/98	1488	110	RTA00000620F.d.04.1	M00006850C:G7
862	5/15/98	1488	111	RTA00000624F.n.20.1	M00005655D:C4
863	5/15/98	1488	112	RTA00000620F.m.14.1	M00006907C:D3
864	5/15/98	1488	113	RTA00000625F.m.15.1	M00006596D:H4
865	5/15/98	1488	114	RTA00000619F.g.19.1	M00006779D:D3
866	5/15/98	1488	115	RTA00000626F.b.10.1	M00006633D:A6
867	5/15/98	1488	116	RTA00000618F.c.23.1	M00006679C:D7
868	5/15/98	1488	117	RTA00000591F.o.17.1	M00005616B:D5
869	5/15/98	1488	118	RTA00000615F.b.23.1	M00004846D:H9
870	5/15/98	1488	119	RTA00000616F.e.20.1	M00005394A:G7
871	5/15/98	1488	120	RTA00000625F.b.23.1	M00005720B:D9
872	5/15/98	1488	121	RTA00000616F.i.13.4	M00005409D:C2
873	5/15/98	1488	122	RTA00000624F.l.02.1	M00005637D:C5
874	5/15/98	1488	123	RTA00000619F.b.06.1	M00006745D:E8
875	5/15/98	1488	124	RTA00000626F.b.23.1	M00006636A:E6
876	5/15/98	1488	125	RTA00000615F.k.24.1	M00005342D:F3
877	5/15/98	1488	126	RTA00000621F.h.22.1	M00006963A:H11
878	5/15/98	1488	127	RTA00000626F.b.05.1	M00006631D:C4
879	5/15/98	1488	128	RTA00000621F.i.20.2	M00006966D:G3

Priority Appln Information					
SEQ ID NO:	Filed	Dkt No.	SEQ ID NO:	Sequence Name	Clone Name
880	5/15/98	1488	129	RTA00000624F.m.10.1	M00005646D:B3
881	5/15/98	1488	130	RTA00000623F.m.19.1	M00007198C:A10
882	5/15/98	1488	131	RTA00000622F.c.12.1	M00007014D:D4
883	5/15/98	1488	132	RTA00000617F.i.08.1	M00005483D:A2
884	5/15/98	1488	133	RTA00000625F.b.07.1	M00005710A:C8
885	5/15/98	1488	134	RTA00000620F.f.23.1	M00006867C:E7
886	5/15/98	1488	135	RTA00000620F.f.15.1	M00006866C:F3
887	5/15/98	1488	136	RTA00000621F.k.17.1	M00006974B:D6
888	5/15/98	1488	137	RTA00000625F.h.18.1	M00005813D:F6
889	5/15/98	1488	138	RTA00000622F.p.17.1	M00007101A:A11
890	5/15/98	1488	139	RTA00000620F.d.08.1	M00006851C:H9
891	5/15/98	1488	140	RTA00000621F.i.14.2	M00006966B:B9
892	5/15/98	1488	141	RTA00000625F.j.19.1	M00006576D:F11
893	5/15/98	1488	142	RTA00000618F.o.23.1	M00006737C:A8
894	5/15/98	1488	143	RTA00000618F.m.12.1	M00006725A:B3
895	5/15/98	1488	144	RTA00000625F.o.19.1	M00006616D:C8
896	5/15/98	1488	145	RTA00000619F.a.18.1	M00006744C:C6
897	5/15/98	1488	146	RTA00000624F.c.15.1	M00005565C:A8
898	5/15/98	1488	147	RTA00000617F.e.13.2	M00005465C:H2
899	5/15/98	1488	148	RTA00000592F.j.06.1	M00006664D:H9
900	5/15/98	1488	149	RTA00000615F.n.18.1	M00005359B:G1
901	5/15/98	1488	150	RTA00000624F.c.02.1	M00005550B:D9
902	5/15/98	1488	151	RTA00000620F.j.10.1	M00006886A:D6
903	5/15/98	1488	152	RTA00000620F.e.07.1	M00006860B:H1
904	5/15/98	1488	153	RTA00000625F.g.07.1	M00005798B:C11
905	5/15/98	1488	154	RTA00000617F.d.22.1	M00005462C:B2
906	5/15/98	1488	155	RTA00000622F.a.12.1	M00007006D:D4
907	5/15/98	1488	156	RTA00000620F.i.11.1	M00006879D:A10
908	5/15/98	1488	157	RTA00000616F.k.03.1	M00005415C:G8
909	5/15/98	1488	158	RTA00000624F.k.17.1	M00005636C:D11
910	5/15/98	1488	159	RTA00000615F.f.11.1	M00004999B:D12
911	5/15/98	1488	160	RTA00000620F.o.07.1	M00006917C:E7
912	5/15/98	1488	161	RTA00000617F.k.11.1	M00005493B:C8
913	5/15/98	1488	162	RTA00000622F.g.04.1	M00007037B:D4
914	5/15/98	1488	163	RTA00000591F.n.04.1	M00005528D:H6
915	5/15/98	1488	164	RTA00000625F.a.16.1	M00005706D:A9
916	5/15/98	1488	165	RTA00000620F.m.18.1	M00006908C:A5
917	5/15/98	1488	166	RTA00000620F.a.04.1	M00006832D:F10
918	5/15/98	1488	167	RTA00000624F.j.20.1	M00005632C:D6
919	5/15/98	1488	168	RTA00000590F.n.19.1	M00005378C:A10

Priority Appln Information					
SEQ ID NO:	Filed	Dkt No.	SEQ ID NO:	Sequence Name	Clone Name
920	5/15/98	1488	169	RTA00000626F.c.13.1	M00006636D:F11
921	5/15/98	1488	170	RTA00000617F.f.01.2	M00005468B:D4
922	5/15/98	1488	171	RTA00000621F.i.18.2	M00006966C:B7
923	5/15/98	1488	172	RTA00000617F.a.13.1	M00005450A:A2
924	5/15/98	1488	173	RTA00000591F.m.06.1	M00005513A:D8
925	5/15/98	1488	174	RTA00000615F.g.07.1	M00005004B:C11
926	5/15/98	1488	175	RTA00000616F.o.24.1	M00005442D:C5
927	5/15/98	1488	176	RTA00000617F.a.20.1	M00005451A:E3
928	5/15/98	1488	177	RTA00000626F.a.18.1	M00006629D:D4
929	5/15/98	1488	178	RTA00000616F.c.23.1	M00005385C:D8
930	5/15/98	1488	179	RTA00000623F.m.07.1	M00007193D:A4
931	5/15/98	1488	180	RTA00000620F.h.18.1	M00006875D:D10
932	5/15/98	1488	181	RTA00000615F.l.16.1	M00005352B:D2
933	5/15/98	1488	182	RTA00000592F.c.17.1	M00005708D:B3
934	5/15/98	1488	183	RTA00000616F.c.24.1	M00005385C:G5
935	5/15/98	1488	184	RTA00000619F.l.16.1	M00006813A:C4
936	5/15/98	1488	185	RTA00000622F.c.18.1	M00007015C:G5
937	5/15/98	1488	186	RTA00000620F.p.09.1	M00006921B:E3
938	5/15/98	1488	187	RTA00000626F.f.08.1	M00006650A:B11
939	5/15/98	1488	188	RTA00000621F.h.08.1	M00006960A:G11
940	5/15/98	1488	189	RTA00000591F.g.19.1	M00005466A:F12
941	5/15/98	1488	190	RTA00000623F.m.10.1	M00007195B:B2
942	5/15/98	1488	191	RTA00000619F.j.13.1	M00006796A:H10
943	5/15/98	1488	192	RTA00000619F.f.22.1	M00006771A:H7
944	5/15/98	1488	193	RTA00000622F.m.06.1	M00007075C:D8
945	5/15/98	1488	194	RTA00000623F.i.03.1	M00007154A:E4
946	5/15/98	1488	195	RTA00000625F.k.08.1	M00006581D:H8
947	5/15/98	1488	196	RTA00000615F.c.13.1	M00004854A:C9
948	5/15/98	1488	197	RTA00000619F.j.11.1	M00006796A:C3
949	5/15/98	1488	198	RTA00000619F.o.01.1	M00006822D:F7
950	5/15/98	1488	199	RTA00000590F.h.12.2	M00004826A:E9
951	5/15/98	1488	200	RTA00000623F.d.07.1	M00007121C:H1
952	5/15/98	1488	201	RTA00000616F.f.24.1	M00005397C:B3
953	5/15/98	1488	202	RTA00000625F.o.03.1	M00006609A:G10
954	5/15/98	1488	203	RTA00000619F.k.20.1	M00006807D:D8
955	5/15/98	1488	204	RTA00000625F.n.22.1	M00006607B:F4
956	5/15/98	1488	205	RTA00000625F.n.03.1	M00006601D:F4
957	5/15/98	1488	206	RTA00000619F.c.13.1	M00006756B:B8
958	5/15/98	1488	207	RTA00000625F.g.21.1	M00005805D:E6
959	5/15/98	1488	208	RTA00000620F.g.06.1	M00006868D:E2

Priority Appln Information					
SEQ ID NO:	Filed	Dkt No.	SEQ ID NO:	Sequence Name	Clone Name
960	5/15/98	1488	209	RTA00000622F.l.04.1	M00007065B:B12
961	5/15/98	1488	210	RTA00000624F.d.21.1	M00005587B:H2
962	5/15/98	1488	211	RTA00000622F.f.20.1	M00007036A:D2
963	5/15/98	1488	212	RTA00000616F.d.09.1	M00005388A:F7
964	5/15/98	1488	213	RTA00000620F.n.05.1	M00006912B:E1
965	5/15/98	1488	214	RTA00000624F.k.22.1	M00005637B:D12
966	5/15/98	1488	215	RTA00000618F.p.11.1	M00006739B:B12
967	5/15/98	1488	216	RTA00000615F.g.09.1	M00005005C:E6
968	5/15/98	1488	217	RTA00000618F.j.23.1	M00006712B:H10
969	5/15/98	1488	218	RTA00000617F.l.02.1	M00005497B:H7
970	5/15/98	1488	219	RTA00000617F.l.09.1	M00005498B:F8
971	5/15/98	1488	220	RTA00000625F.n.21.1	M00006607B:E3
972	5/15/98	1488	221	RTA00000623F.c.20.1	M00007118B:B4
973	5/15/98	1488	222	RTA00000603F.d.13.1	M00007019A:B1
974	5/15/98	1488	223	RTA00000625F.k.06.1	M00006581C:D2
975	5/15/98	1488	224	RTA00000624F.b.23.1	M00005548B:E3
976	5/15/98	1488	225	RTA00000626F.d.11.1	M00006640D:H8
977	5/15/98	1488	226	RTA00000620F.g.14.1	M00006870C:H6
978	5/15/98	1488	227	RTA00000621F.l.17.1	M00006980A:F2
979	5/15/98	1488	228	RTA00000624F.o.13.1	M00005685A:A4
980	5/15/98	1488	229	RTA00000621F.k.18.1	M00006974B:F6
981	5/15/98	1488	230	RTA00000591F.a.23.1	M00005411D:A3
982	5/15/98	1488	231	RTA00000592F.i.01.1	M00006641C:H2
983	5/15/98	1488	232	RTA00000625F.p.10.1	M00006619B:C11
984	5/15/98	1488	233	RTA00000622F.h.04.1	M00007041B:C5
985	5/15/98	1488	234	RTA00000591F.e.08.1	M00005446A:G1
986	5/15/98	1488	235	RTA00000619F.d.13.1	M00006758D:C4
987	5/15/98	1488	236	RTA00000622F.p.10.1	M00007099A:F9
988	5/15/98	1488	237	RTA00000623F.m.04.1	M00007192C:H8
989	5/15/98	1488	238	RTA00000617F.i.06.1	M00005483A:F5
990	5/15/98	1488	239	RTA00000624F.d.24.1	M00005589C:B3
991	5/15/98	1488	240	RTA00000616F.p.08.1	M00005444B:E11
992	5/15/98	1488	241	RTA00000615F.j.18.1	M00005326B:F3
993	5/15/98	1488	242	RTA00000625F.p.19.1	M00006621A:G10
994	5/15/98	1488	243	RTA00000624F.h.09.1	M00005620C:C5
995	5/15/98	1488	244	RTA00000619F.d.23.1	M00006760D:G12
996	5/15/98	1488	245	RTA00000618F.f.24.1	M00006692B:E4
997	5/15/98	1488	246	RTA00000617F.l.12.1	M00005498C:G5
998	5/15/98	1488	247	RTA00000621F.o.09.1	M00006993B:B9
999	5/15/98	1488	248	RTA00000616F.p.04.1	M00005443D:C12

Priority Appln Information					
SEQ ID NO:	Filed	Dkt No.	SEQ ID NO:	Sequence Name	Clone Name
1000	5/15/98	1488	249	RTA00000620F.c.08.1	M00006841D:A8
1001	5/15/98	1488	250	RTA00000625F.n.01.1	M00006601C:A7
1002	5/15/98	1488	251	RTA00000617F.k.10.1	M00005493B:A12
1003	5/15/98	1488	252	RTA00000624F.l.11.1	M00005641B:E2
1004	5/15/98	1488	253	RTA00000624F.h.06.1	M00005619C:H10
1005	5/15/98	1488	254	RTA00000624F.h.11.1	M00005621A:G10
1006	5/15/98	1488	255	RTA00000590F.h.07.2	M00004824C:G9
1007	5/15/98	1488	256	RTA00000590F.o.09.1	M00005384A:A1
1008	5/15/98	1488	257	RTA00000620F.e.16.1	M00006863B:E6
1009	5/15/98	1488	258	RTA00000620F.k.11.1	M00006893C:B2
1010	5/15/98	1488	259	RTA00000619F.o.18.4	M00006825C:D6
1011	5/15/98	1488	260	RTA00000621F.k.03.1	M00006972A:F10
1012	5/15/98	1488	261	RTA00000625F.c.11.1	M00005722D:G3
1013	5/15/98	1488	262	RTA00000618F.n.05.1	M00006727B:G8
1014	5/15/98	1488	263	RTA00000623F.d.02.1	M00007119B:H10
1015	5/15/98	1488	264	RTA00000615F.k.05.1	M00005330C:F9
1016	5/15/98	1488	265	RTA00000623F.f.09.1	M00007132D:G8
1017	5/15/98	1488	266	RTA00000622F.d.01.1	M00007016C:E6
1018	5/15/98	1488	267	RTA00000618F.p.10.1	M00006739B:B10
1019	5/15/98	1488	268	RTA00000624F.l.23.1	M00005645D:F8
1020	5/15/98	1488	269	RTA00000619F.e.19.1	M00006764B:D5
1021	5/15/98	1488	270	RTA00000622F.h.12.1	M00007043A:B5
1022	5/15/98	1488	271	RTA00000622F.i.23.1	M00007051D:D9
1023	5/15/98	1488	272	RTA00000624F.l.13.1	M00005642B:C3
1024	5/15/98	1488	273	RTA00000624F.a.04.1	M00005528D:A10
1025	5/15/98	1488	274	RTA00000622F.e.17.1	M00007031C:D1
1026	5/15/98	1488	275	RTA00000590F.l.12.1	M00005353B:B9
1027	5/15/98	1488	276	RTA00000626F.f.01.1	M00006648C:E4
1028	5/15/98	1488	277	RTA00000620F.a.05.1	M00006832D:F11
1029	5/15/98	1488	278	RTA00000623F.d.04.1	M00007121A:A5
1030	5/15/98	1488	279	RTA00000618F.p.15.1	M00006739C:H7
1031	5/15/98	1488	280	RTA00000618F.o.03.1	M00006734A:H12
1032	5/15/98	1488	281	RTA00000640F.b.02.1	M00006927C:F12
1033	5/15/98	1488	282	RTA00000619F.g.20.1	M00006780A:H12
1034	5/15/98	1488	283	RTA00000618F.n.09.1	M00006728C:B6
1035	5/15/98	1488	284	RTA00000621F.d.09.1	M00006939B:E5
1036	5/15/98	1488	285	RTA00000619F.n.23.4	M00006822D:D5
1037	5/15/98	1488	286	RTA00000616F.k.16.1	M00005417A:E10
1038	5/15/98	1488	287	RTA00000625F.f.21.1	M00005783A:C5
1039	5/15/98	1488	288	RTA00000619F.b.17.1	M00006751B:B11

Priority Appln Information					
SEQ ID NO:	Filed	Dkt No.	SEQ ID NO:	Sequence Name	Clone Name
1040	5/15/98	1488	289	RTA00000622F.h.11.1	M00007042A:E7
1041	5/15/98	1488	290	RTA00000621F.k.12.1	M00006973D:E11
1042	5/15/98	1488	291	RTA00000620F.p.08.1	M00006921B:E1
1043	5/15/98	1488	292	RTA00000625F.d.13.1	M00005762D:A1
1044	5/15/98	1488	293	RTA00000592F.g.18.1	M00006618C:G8
1045	5/15/98	1488	294	RTA00000622F.b.17.1	M00007012B:D7
1046	5/15/98	1488	295	RTA00000624F.i.07.1	M00005625D:C3
1047	5/15/98	1488	296	RTA00000619F.c.01.1	M00006754B:D5
1048	5/15/98	1488	297	RTA00000621F.a.07.1	M00006926A:H11
1049	5/15/98	1488	298	RTA00000620F.d.21.1	M00006855C:H2
1050	5/15/98	1488	299	RTA00000616F.c.15.1	M00005383D:E7
1051	5/15/98	1488	300	RTA00000619F.n.19.4	M00006822A:D7
1052	5/15/98	1488	301	RTA00000615F.l.09.1	M00005349B:G1
1053	5/15/98	1488	302	RTA00000626F.b.04.1	M00006631D:B2
1054	5/15/98	1488	303	RTA00000617F.j.23.1	M00005491B:C3
1055	5/15/98	1488	304	RTA00000615F.k.14.1	M00005333C:C8
1056	5/15/98	1488	305	RTA00000616F.l.07.1	M00005419A:D5
1057	5/15/98	1488	306	RTA00000619F.d.04.1	M00006758A:B12
1058	5/15/98	1488	307	RTA00000622F.o.15.1	M00007093A:F9
1059	5/15/98	1488	308	RTA00000625F.m.11.1	M00006594D:F9
1060	5/15/98	1488	309	RTA00000619F.e.10.1	M00006763B:B11
1061	5/15/98	1488	310	RTA00000617F.n.15.1	M00005508B:B4
1062	5/15/98	1488	311	RTA00000615F.n.22.1	M00005359D:G7
1063	5/15/98	1488	312	RTA00000622F.j.21.1	M00007058A:C2
1064	5/15/98	1488	313	RTA00000625F.c.09.1	M00005722A:E9
1065	5/15/98	1488	314	RTA00000591F.m.01.1	M00005510B:D6
1066	5/15/98	1488	315	RTA00000617F.n.14.1	M00005508A:H1
1067	5/15/98	1488	316	RTA00000624F.p.18.1	M00005703A:C8
1068	5/15/98	1488	317	RTA00000623F.j.10.2	M00007163B:A12
1069	5/15/98	1488	318	RTA00000591F.e.20.1	M00005450B:B1
1070	5/15/98	1488	319	RTA00000615F.i.11.1	M00005294C:G8
1071	5/15/98	1488	320	RTA00000622F.p.12.1	M00007099C:F9
1072	5/15/98	1488	321	RTA00000619F.j.22.1	M00006800C:G8
1073	5/15/98	1488	322	RTA00000621F.g.12.1	M00006953D:H11
1074	5/15/98	1488	323	RTA00000617F.m.14.1	M00005505A:C8
1075	5/15/98	1488	324	RTA00000619F.k.06.1	M00006805A:H9
1076	5/15/98	1488	325	RTA00000616F.k.18.1	M00005417C:E10
1077	5/15/98	1488	326	RTA00000625F.d.04.1	M00005743B:F2
1078	5/15/98	1488	327	RTA00000626F.b.06.1	M00006631D:E9
1079	5/15/98	1488	328	RTA00000621F.p.15.1	M00006997B:E6



## Priority Appln Information

SEQ ID NO:	Filed	Dkt No.	SEQ ID NO:	Sequence Name	Clone Name
1080	5/15/98	1488	329	RTA00000618F.d.19.1	M00006681C:G4
1081	5/15/98	1488	330	RTA00000618F.a.02.1	M00006665B:D10
1082	5/15/98	1488	331	RTA00000592F.f.15.1	M00006577B:H12
1083	5/15/98	1488	332	RTA00000619F.d.12.1	M00006758D:C1
1084	5/15/98	1488	333	RTA00000624F.d.08.1	M00005571A:E11
1085	5/15/98	1488	334	RTA00000620F.o.15.1	M00006919B:C3
1086	5/15/98	1488	335	RTA00000620F.e.03.1	M00006859A:F6
1087	5/15/98	1488	336	RTA00000622F.a.24.1	M00007010B:C11
1088	5/15/98	1488	337	RTA00000619F.n.04.2	M00006819A:D10
1089	5/15/98	1488	338	RTA00000616F.d.16.1	M00005388D:F9
1090	5/15/98	1488	339	RTA00000622F.n.15.1	M00007085A:B7
1091	5/15/98	1488	340	RTA00000619F.i.04.1	M00006789C:F4
1092	5/15/98	1488	341	RTA00000617F.i.13.1	M00005484A:D9
1093	5/15/98	1488	342	RTA00000616F.i.11.1	M00005419C:D9
1094	5/15/98	1488	343	RTA00000617F.b.18.1	M00005454C:H12
1095	5/15/98	1488	344	RTA00000618F.j.01.1	M00006705B:D2
1096	5/15/98	1488	345	RTA00000618F.k.24.1	M00006717A:D4
1097	5/15/98	1488	346	RTA00000618F.c.05.1	M00006676D:D11
1098	5/15/98	1488	347	RTA00000619F.g.08.1	M00006777B:D10
1099	5/15/98	1488	348	RTA00000618F.n.04.1	M00006727B:E9
1100	5/15/98	1488	349	RTA00000617F.i.09.1	M00005483D:A12
1101	5/15/98	1488	350	RTA00000617F.i.04.1	M00005497C:C7
1102	5/15/98	1488	351	RTA00000619F.n.17.4	M00006821C:C10
1103	5/15/98	1488	352	RTA00000622F.l.09.1	M00007065D:C1
1104	5/15/98	1488	353	RTA00000623F.j.03.2	M00007161A:H3
1105	5/15/98	1488	354	RTA00000615F.m.17.1	M00005356A:D9
1106	5/15/98	1488	355	RTA00000616F.g.13.1	M00005400A:D2
1107	5/15/98	1488	356	RTA00000615F.f.15.1	M00004999D:E1
1108	5/15/98	1488	357	RTA00000591F.f.15.1	M00005455A:D1
1109	5/15/98	1488	358	RTA00000592F.g.07.1	M00006596A:F7
1110	5/15/98	1488	359	RTA00000625F.o.16.1	M00006615D:F4
1111	5/15/98	1488	360	RTA00000622F.f.13.1	M00007033D:F4
1112	5/15/98	1488	361	RTA00000619F.p.02.3	M00006826B:H3
1113	5/15/98	1488	362	RTA00000625F.h.11.1	M00005812C:F10
1114	5/15/98	1488	363	RTA00000591F.i.05.1	M00005477C:D8
1115	5/15/98	1488	364	RTA00000622F.j.07.1	M00007053B:C7
1116	5/15/98	1488	365	RTA00000619F.k.01.1	M00006801A:G5
1117	5/15/98	1488	366	RTA00000619F.b.24.1	M00006754B:D5
1118	5/15/98	1488	367	RTA00000619F.b.16.1	M00006751A:F3
1119	5/15/98	1488	368	RTA00000618F.p.04.1	M00006738A:E5

Priority Appln Information					
SEQ ID NO:	Filed	Dkt No.	SEQ ID NO:	Sequence Name	Clone Name
1120	5/15/98	1488	369	RTA00000615F.k.18.1	M00005342A:D4
1121	5/15/98	1488	370	RTA00000618F.g.23.1	M00006695B:F8
1122	5/15/98	1488	371	RTA00000618F.n.14.1	M00006728D:G10
1123	5/15/98	1488	372	RTA00000619F.e.23.1	M00006765B:H6
1124	5/15/98	1488	373	RTA00000617F.j.06.1	M00005487A:H1
1125	5/15/98	1488	374	RTA00000622F.f.06.1	M00007033A:H5
1126	5/15/98	1488	375	RTA00000622F.e.09.1	M00007030C:F8
1127	5/15/98	1488	376	RTA00000624F.k.11.1	M00005635C:F11
1128	5/15/98	1488	377	RTA00000619F.a.24.1	M00006745A:A1
1129	5/15/98	1488	378	RTA00000625F.i.03.1	M00005818C:G1
1130	5/15/98	1488	379	RTA00000590F.l.10.1	M00005352D:E6
1131	5/15/98	1488	380	RTA00000623F.d.12.1	M00007122B:A11
1132	5/15/98	1488	381	RTA00000622F.o.05.1	M00007090B:A2
1133	5/15/98	1488	382	RTA00000623F.n.07.1	M00007200B:C2
1134	5/15/98	1488	383	RTA00000621F.k.10.1	M00006973C:E11
1135	5/15/98	1488	384	RTA00000616F.b.05.1	M00005377A:A4
1136	5/15/98	1488	385	RTA00000619F.p.11.4	M00006828D:C12
1137	5/15/98	1488	386	RTA00000616F.d.15.1	M00005388D:B11
1138	5/15/98	1488	387	RTA00000615F.b.07.1	M00004839C:B1
1139	5/15/98	1488	388	RTA00000619F.f.19.1	M00006771A:E6
1140	5/15/98	1488	389	RTA00000621F.l.06.1	M00006976C:E9
1141	5/15/98	1488	390	RTA00000624F.m.08.1	M00005646C:B9
1142	5/15/98	1488	391	RTA00000617F.k.13.1	M00005493B:E1
1143	5/15/98	1488	392	RTA00000592F.h.07.1	M00006630B:H6
1144	5/15/98	1488	393	RTA00000619F.f.24.1	M00006771B:F3
1145	5/15/98	1488	394	RTA00000622F.e.20.1	M00007032A:F11
1146	5/15/98	1488	395	RTA00000623F.h.23.1	M00007152A:B4
1147	5/15/98	1488	396	RTA00000626F.b.20.1	M00006635C:B10
1148	5/15/98	1488	397	RTA00000623F.n.03.1	M00007199D:B7
1149	5/15/98	1488	398	RTA00000625F.i.02.1	M00005818C:E8
1150	5/15/98	1488	399	RTA00000622F.i.08.1	M00007047B:D1
1151	5/15/98	1488	400	RTA00000621F.c.23.1	M00006937B:G9
1152	5/15/98	1488	401	RTA00000619F.f.11.1	M00006769D:A4
1153	5/15/98	1488	402	RTA00000621F.b.14.1	M00006934A:G2
1154	5/15/98	1488	403	RTA00000621F.g.10.1	M00006953B:H10
1155	5/15/98	1488	404	RTA00000619F.p.22.3	M00006832A:F5
1156	5/15/98	1488	405	RTA00000590F.p.23.1	M00005399D:B2
1157	5/15/98	1488	406	RTA00000621F.m.23.1	M00006987B:F4
1158	5/15/98	1488	407	RTA00000592F.d.20.1	M00005772A:F3
1159	5/15/98	1488	408	RTA00000624F.m.14.1	M00005647D:D9

Priority Appln Information					
SEQ ID NO:	Filed	Dkt No.	SEQ ID NO:	Sequence Name	Clone Name
1160	5/15/98	1488	409	RTA00000617F.a.08.1	M00005448D:E8
1161	5/15/98	1488	410	RTA00000620F.i.04.1	M00006877B:E5
1162	5/15/98	1488	411	RTA00000623F.l.12.1	M00007188A:D3
1163	5/15/98	1488	412	RTA00000591F.b.02.1	M00005411D:E5
1164	5/15/98	1488	413	RTA00000623F.h.07.1	M00007146D:G1
1165	5/15/98	1488	414	RTA00000624F.p.21.1	M00005703C:B1
1166	5/15/98	1488	415	RTA00000623F.j.09.2	M00007163A:F11
1167	5/15/98	1488	416	RTA00000623F.l.17.1	M00007189D:A9
1168	5/15/98	1488	417	RTA00000619F.p.18.3	M00006831B:B4
1169	5/15/98	1488	418	RTA00000622F.h.06.1	M00007041B:G1
1170	5/15/98	1488	419	RTA00000591F.m.20.1	M00005519C:F8
1171	5/15/98	1488	420	RTA00000623F.h.10.1	M00007148B:C6
1172	5/15/98	1488	421	RTA00000619F.i.10.1	M00006790D:A5
1173	5/15/98	1488	422	RTA00000625F.b.13.1	M00005711A:H1
1174	5/15/98	1488	423	RTA00000623F.e.16.1	M00007129A:E4
1175	5/15/98	1488	424	RTA00000625F.k.12.1	M00006582D:E5
1176	5/15/98	1488	425	RTA00000624F.i.09.1	M00005626A:B11
1177	5/15/98	1488	426	RTA00000625F.k.09.1	M00006582A:B9
1178	5/15/98	1488	427	RTA00000622F.k.10.1	M00007062A:D3
1179	5/15/98	1488	428	RTA00000616F.h.12.1	M00005403D:E11
1180	5/15/98	1488	429	RTA00000623F.k.07.1	M00007170D:A10
1181	5/15/98	1488	430	RTA00000620F.p.18.1	M00006923B:H8
1182	5/15/98	1488	431	RTA00000620F.e.01.1	M00006855D:H2
1183	5/15/98	1488	432	RTA00000616F.b.10.1	M00005377D:F11
1184	5/15/98	1488	433	RTA00000615F.d.06.1	M00004858D:E6
1185	5/15/98	1488	434	RTA00000592F.h.23.1	M00006640B:H9
1186	5/15/98	1488	435	RTA00000622F.e.07.1	M00007030A:G1
1187	5/15/98	1488	436	RTA00000617F.f.23.2	M00005473D:E10
1188	5/15/98	1488	437	RTA00000620F.h.10.1	M00006875A:A2
1189	5/15/98	1488	438	RTA00000615F.g.19.1	M00005009B:A2
1190	5/15/98	1488	439	RTA00000626F.b.09.1	M00006633C:E11
1191	5/15/98	1488	440	RTA00000626F.e.10.1	M00006644D:C2
1192	5/15/98	1488	441	RTA00000591F.a.08.1	M00005404C:F2
1193	5/15/98	1488	442	RTA00000622F.j.09.1	M00007053B:H3
1194	5/15/98	1488	443	RTA00000591F.n.01.1	M00005524C:B1
1195	5/15/98	1488	444	RTA00000623F.e.12.1	M00007127B:A4
1196	5/15/98	1488	445	RTA00000625F.p.01.1	M00006617B:D9
1197	5/15/98	1488	446	RTA00000623F.f.13.1	M00007134C:F7
1198	5/15/98	1488	447	RTA00000620F.c.24.1	M00006850C:D9
1199	5/15/98	1488	448	RTA00000618F.i.21.1	M00006704D:D3

## Priority Appln Information

SEQ ID NO:	Filed	Dkt No.	SEQ ID NO:	Sequence Name	Clone Name
1200	5/15/98	1488	449	RTA00000617F.l.08.1	M00005497C:E3
1201	5/15/98	1488	450	RTA00000619F.l.07.1	M00006810D:A5
1202	5/15/98	1488	451	RTA00000624F.n.16.1	M00005655B:C2
1203	5/15/98	1488	452	RTA00000621F.n.24.1	M00006991D:G7
1204	5/15/98	1488	453	RTA00000621F.c.20.1	M00006937B:F7
1205	5/15/98	1488	454	RTA00000623F.g.07.1	M00007140D:C12
1206	5/15/98	1488	455	RTA00000591F.i.17.1	M00005481C:A5
1207	5/15/98	1488	456	RTA00000626F.b.22.1	M00006636A:B8
1208	5/15/98	1488	457	RTA00000620F.i.16.1	M00006882D:F3
1209	5/15/98	1488	458	RTA00000623F.f.21.1	M00007137D:C10
1210	5/15/98	1488	459	RTA00000591F.f.18.1	M00005455A:G3
1211	5/15/98	1488	460	RTA00000616F.e.10.1	M00005392C:C4
1212	5/15/98	1488	461	RTA00000619F.l.22.1	M00006814A:F7
1213	5/15/98	1488	462	RTA00000591F.a.20.1	M00005411A:C7
1214	5/15/98	1488	463	RTA00000623F.b.23.1	M00007112B:C6
1215	5/15/98	1488	464	RTA00000621F.n.15.1	M00006990B:H9
1216	5/15/98	1488	465	RTA00000620F.m.15.1	M00006907D:C7
1217	5/15/98	1488	466	RTA00000591F.a.15.1	M00005406D:B8
1218	5/15/98	1488	467	RTA00000620F.p.05.1	M00006921B:C2
1219	5/15/98	1488	468	RTA00000620F.h.04.1	M00006873B:G11
1220	5/15/98	1488	469	RTA00000592F.g.15.1	M00006615B:F5
1221	5/15/98	1488	470	RTA00000625F.b.21.1	M00005720A:D3
1222	5/15/98	1488	471	RTA00000621F.n.18.1	M00006991A:E7
1223	5/15/98	1488	472	RTA00000591F.h.08.1	M00005470B:E1
1224	5/15/98	1488	473	RTA00000591F.j.13.1	M00005486C:B3
1225	5/15/98	1488	474	RTA00000626F.e.08.1	M00006644C:E9
1226	5/15/98	1488	475	RTA00000623F.d.23.1	M00007124C:A11
1227	5/15/98	1488	476	RTA00000592F.g.04.1	M00006592A:D3
1228	5/15/98	1488	477	RTA00000590F.p.22.1	M00005399B:F2
1229	5/15/98	1488	478	RTA00000590F.n.10.1	M00005377A:D5
1230	5/15/98	1488	479	RTA00000623F.j.16.2	M00007166B:E6
1231	5/15/98	1488	480	RTA00000619F.j.19.1	M00006797B:D12
1232	5/15/98	1488	481	RTA00000621F.c.12.1	M00006936B:F10
1233	5/15/98	1488	482	RTA00000618F.b.17.1	M00006674B:F4
1234	5/15/98	1488	483	RTA00000621F.p.08.1	M00006995D:A3
1235	5/15/98	1488	484	RTA00000626F.b.13.1	M00006634B:C2
1236	5/15/98	1488	485	RTA00000623F.e.18.1	M00007129A:G10
1237	5/15/98	1488	486	RTA00000625F.j.01.1	M00005827B:H8
1238	5/15/98	1488	487	RTA00000625F.o.18.1	M00006616C:H9
1239	5/15/98	1488	488	RTA00000623F.k.13.1	M00007172D:C8

## Priority Appln Information

SEQ ID NO:	Filed	Dkt No.	SEQ ID NO:	Sequence Name	Clone Name
1240	5/15/98	1488	489	RTA00000623F.k.10.1	M00007172A:A5
1241	5/15/98	1488	490	RTA00000626F.d.12.1	M00006641A:B3
1242	5/15/98	1488	491	RTA00000626F.d.23.1	M00006643A:E10
1243	5/15/98	1488	492	RTA00000623F.j.02.1	M00007160C:B8
1244	5/15/98	1488	493	RTA00000618F.o.07.1	M00006735A:H2
1245	5/15/98	1488	494	RTA00000620F.a.08.1	M00006833B:E11
1246	5/15/98	1488	495	RTA00000623F.d.11.1	M00007122A:G11
1247	5/15/98	1488	496	RTA00000623F.h.16.1	M00007149D:G6
1248	5/15/98	1488	497	RTA00000624F.a.17.1	M00005535B:F6
1249	5/15/98	1488	498	RTA00000621F.n.17.1	M00006990D:D6
1250	5/15/98	1488	499	RTA00000625F.n.02.1	M00006601C:E6
1251	5/15/98	1488	500	RTA00000591F.n.05.1	M00005530B:E4
1252	5/15/98	1488	501	RTA00000622F.n.09.1	M00007084B:A5
1253	5/15/98	1488	502	RTA00000617F.l.05.1	M00005497C:C10
1254	5/15/98	1488	503	RTA00000623F.j.08.2	M00007163A:B10
1255	5/15/98	1488	504	RTA00000626F.g.02.1	M00006656C:C10
1256	5/15/98	1488	505	RTA00000617F.l.06.1	M00005497C:C12
1257	5/15/98	1488	506	RTA00000592F.a.06.1	M00005635B:A6
1258	5/15/98	1488	507	RTA00000591F.j.11.1	M00005485C:A3
1259	5/15/98	1488	508	RTA00000622F.h.21.1	M00007046A:D2
1260	5/15/98	1488	509	RTA00000591F.h.03.1	M00005468D:F4
1261	5/15/98	1488	510	RTA00000620F.g.22.1	M00006872B:G1
1262	5/15/98	1488	511	RTA00000617F.c.05.1	M00005456B:E3
1263	5/15/98	1488	512	RTA00000616F.e.15.3	M00005393A:E11
1264	5/15/98	1488	513	RTA00000616F.f.15.3	M00005396B:C4
1265	5/15/98	1488	514	RTA00000622F.c.11.1	M00007014D:C5
1266	5/15/98	1488	515	RTA00000621F.f.12.1	M00006949B:F3
1267	5/15/98	1488	516	RTA00000603F.c.23.1	M00006720C:C11
1268	5/15/98	1488	517	RTA00000640F.a.23.1	M00005817D:E12
1269	5/15/98	1488	518	RTA00000618F.h.15.1	M00006699B:C7
1270	5/15/98	1488	519	RTA00000616F.p.22.1	M00005446C:D12
1271	5/15/98	1488	520	RTA00000621F.p.18.1	M00006997D:B3
1272	5/15/98	1488	521	RTA00000615F.b.10.1	M00004840C:H5
1273	5/15/98	1488	522	RTA00000590F.l.05.1	M00005332A:H10
1274	5/15/98	1488	523	RTA00000619F.g.06.1	M00006774D:C1
1275	5/15/98	1488	524	RTA00000619F.c.24.1	M00006757D:E4
1276	5/15/98	1488	525	RTA00000619F.f.23.1	M00006771B:A9
1277	5/15/98	1489	1	RTA00000639F.e.11.1	M00023011A:A6
1278	5/15/98	1489	2	RTA00000631F.e.20.1	M00022386B:D11
1279	5/15/98	1489	3	RTA00000631F.e.15.1	M00022386A:A7

## Priority Appln Information

SEQ ID NO:	Filed	Dkt No.	SEQ ID NO:	Sequence Name	Clone Name
1280	5/15/98	1489	4	RTA00000639F.d.02.1	M00022993A:F2
1281	5/15/98	1489	5	RTA00000639F.f.10.1	M00023021A:H8
1282	5/15/98	1489	6	RTA00000628F.e.17.1	M00021862D:F1
1283	5/15/98	1489	7	RTA00000627F.p.18.1	M00021670B:G11
1284	5/15/98	1489	8	RTA00000633F.o.22.1	M00022901D:C9
1285	5/15/98	1489	9	RTA00000632F.b.04.1	M00022493C:B7
1286	5/15/98	1489	10	RTA00000639F.g.14.1	M00023034C:E5
1287	5/15/98	1489	11	RTA00000631F.p.10.1	M00022474A:H9
1288	5/15/98	1489	12	RTA00000628F.c.20.1	M00021828A:C8
1289	5/15/98	1489	13	RTA00000630F.o.20.1	M00022289A:D5
1290	5/15/98	1489	14	RTA00000630F.e.18.1	M00022202C:F11
1291	5/15/98	1489	15	RTA00000628F.b.18.1	M00021690C:B7
1292	5/15/98	1489	16	RTA00000590F.j.07.1	M00004873C:C10
1293	5/15/98	1489	17	RTA00000630F.a.19.1	M00022169D:C2
1294	5/15/98	1489	18	RTA00000630F.i.02.1	M00022226D:A7
1295	5/15/98	1489	19	RTA00000631F.a.22.1	M00022364C:G12
1296	5/15/98	1489	20	RTA00000630F.l.19.1	M00022255D:E3
1297	5/15/98	1489	21	RTA00000633F.a.15.1	M00022661D:H1
1298	5/15/98	1489	22	RTA00000639F.c.06.1	M00022972D:C10
1299	5/15/98	1489	23	RTA00000630F.p.23.1	M00022305C:A1
1300	5/15/98	1489	24	RTA00000629F.o.19.2	M00022150D:D11
1301	5/15/98	1489	25	RTA00000632F.j.18.1	M00022599D:E7
1302	5/15/98	1489	26	RTA00000630F.o.21.1	M00022289D:B6
1303	5/15/98	1489	27	RTA00000629F.l.02.1	M00022117C:G7
1304	5/15/98	1489	28	RTA00000628F.e.13.1	M00021861C:A2
1305	5/15/98	1489	29	RTA00000632F.j.02.1	M00022587C:G4
1306	5/15/98	1489	30	RTA00000639F.e.01.1	M00023003C:A3
1307	5/15/98	1489	31	RTA00000631F.f.01.1	M00022386C:D7
1308	5/15/98	1489	32	RTA00000630F.p.22.1	M00022305A:H11
1309	5/15/98	1489	33	RTA00000628F.l.05.1	M00021946D:C11
1310	5/15/98	1489	34	RTA00000629F.b.06.1	M00022049A:A2
1311	5/15/98	1489	35	RTA00000628F.g.20.1	M00021892B:H3
1312	5/15/98	1489	36	RTA00000628F.n.11.1	M00021982C:F8
1313	5/15/98	1489	37	RTA00000593F.e.21.1	M00022074D:F11
1314	5/15/98	1489	38	RTA00000633F.c.07.1	M00022674D:G4
1315	5/15/98	1489	39	RTA00000629F.k.17.1	M00022110A:E4
1316	5/15/98	1489	40	RTA00000633F.a.11.1	M00022661B:E11
1317	5/15/98	1489	41	RTA00000629F.e.16.1	M00022068D:D12
1318	5/15/98	1489	42	RTA00000631F.c.01.1	M00022372B:D3
1319	5/15/98	1489	43	RTA00000630F.n.22.1	M00022278C:E3

Priority Appln Information					
SEQ ID NO:	Filed	Dkt No.	SEQ ID NO:	Sequence Name	Clone Name
1320	5/15/98	1489	44	RTA00000628F.j.14.1	M00021927B:F1
1321	5/15/98	1489	45	RTA00000631F.l.14.1	M00022449D:F6
1322	5/15/98	1489	46	RTA00000631F.j.06.1	M00022423B:D3
1323	5/15/98	1489	47	RTA00000630F.b.17.1	M00022175A:A11
1324	5/15/98	1489	48	RTA00000593F.i.08.2	M00022218C:B6
1325	5/15/98	1489	49	RTA00000631F.l.12.1	M00022449C:B1
1326	5/15/98	1489	50	RTA00000628F.m.20.1	M00021978A:F8
1327	5/15/98	1489	51	RTA00000632F.c.02.1	M00022504B:E3
1328	5/15/98	1489	52	RTA00000632F.h.03.1	M00022565C:H2
1329	5/15/98	1489	53	RTA00000592F.l.16.1	M00007977C:E8
1330	5/15/98	1489	54	RTA00000630F.c.01.1	M00022176A:E8
1331	5/15/98	1489	55	RTA00000593F.e.19.1	M00022071C:D9
1332	5/15/98	1489	56	RTA00000632F.a.10.1	M00022490C:C1
1333	5/15/98	1489	57	RTA00000632F.f.12.1	M00022536B:B4
1334	5/15/98	1489	58	RTA00000630F.m.06.1	M00022259B:G2
1335	5/15/98	1489	59	RTA00000629F.e.07.1	M00022067D:C5
1336	5/15/98	1489	60	RTA00000627F.k.19.1	M00021618D:D7
1337	5/15/98	1489	61	RTA00000629F.o.15.2	M00022149B:D5
1338	5/15/98	1489	62	RTA00000592F.o.02.1	M00008015D:E9
1339	5/15/98	1489	63	RTA00000628F.h.18.1	M00021906C:G11
1340	5/15/98	1489	64	RTA00000632F.h.23.1	M00022578D:A8
1341	5/15/98	1489	65	RTA00000639F.h.18.1	M00023103A:E11
1342	5/15/98	1489	66	RTA00000630F.p.11.1	M00022296B:C11
1343	5/15/98	1489	67	RTA00000632F.o.18.1	M00022651D:C6
1344	5/15/98	1489	68	RTA00000629F.a.24.1	M00022032A:E7
1345	5/15/98	1489	69	RTA00000633F.f.19.1	M00022708D:G10
1346	5/15/98	1489	70	RTA00000627F.n.04.1	M00021640A:G3
1347	5/15/98	1489	71	RTA00000630F.p.04.1	M00022294A:D11
1348	5/15/98	1489	72	RTA00000633F.h.21.1	M00022730A:E4
1349	5/15/98	1489	73	RTA00000632F.d.12.1	M00022515D:C4
1350	5/15/98	1489	74	RTA00000627F.o.23.1	M00021660C:G4
1351	5/15/98	1489	75	RTA00000628F.j.12.1	M00021927A:C11
1352	5/15/98	1489	76	RTA00000632F.f.03.1	M00022531B:D7
1353	5/15/98	1489	77	RTA00000593F.o.03.1	M00022549B:G7
1354	5/15/98	1489	78	RTA00000631F.b.06.1	M00022366B:E9
1355	5/15/98	1489	79	RTA00000633F.g.15.1	M00022716D:D8
1356	5/15/98	1489	80	RTA00000594F.b.04.1	M00022828C:E4
1357	5/15/98	1489	81	RTA00000623F.o.14.1	M00007929B:H10
1358	5/15/98	1489	82	RTA00000632F.g.02.1	M00022551A:G3
1359	5/15/98	1489	83	RTA00000629F.h.11.1	M00022084B:F4

Priority Appln Information					
SEQ ID NO:	Filed	Dkt No.	SEQ ID NO:	Sequence Name	Clone Name
1360	5/15/98	1489	84	RTA00000632F.b.17.1	M00022498C:C8
1361	5/15/98	1489	85	RTA00000631F.m.04.1	M00022452C:B3
1362	5/15/98	1489	86	RTA00000627F.k.02.1	M00021614B:G12
1363	5/15/98	1489	87	RTA00000631F.n.06.1	M00022457C:B1
1364	5/15/98	1489	88	RTA00000633F.i.15.1	M00022737A:C8
1365	5/15/98	1489	89	RTA00000639F.f.11.1	M00023023A:B12
1366	5/15/98	1489	90	RTA00000630F.j.04.1	M00022236D:A3
1367	5/15/98	1489	91	RTA00000630F.j.14.1	M00022239D:A7
1368	5/15/98	1489	92	RTA00000627F.k.24.1	M00021619B:G10
1369	5/15/98	1489	93	RTA00000630F.j.13.1	M00022239B:B7
1370	5/15/98	1489	94	RTA00000629F.j.07.1	M00022094B:G10
1371	5/15/98	1489	95	RTA00000628F.m.02.1	M00021964A:C4
1372	5/15/98	1489	96	RTA00000639F.g.08.1	M00023033A:E10
1373	5/15/98	1489	97	RTA00000628F.i.05.1	M00021910A:C10
1374	5/15/98	1489	98	RTA00000639F.a.16.1	M00022953B:C7
1375	5/15/98	1489	99	RTA00000633F.c.21.1	M00022682A:F12
1376	5/15/98	1489	100	RTA00000639F.b.03.1	M00022960D:E8
1377	5/15/98	1489	101	RTA00000633F.b.05.1	M00022666C:H11
1378	5/15/98	1489	102	RTA00000631F.h.05.2	M00022412A:C8
1379	5/15/98	1489	103	RTA00000628F.h.14.1	M00021905B:A1
1380	5/15/98	1489	104	RTA00000633F.b.03.1	M00022666B:E12
1381	5/15/98	1489	105	RTA00000632F.g.08.1	M00022556B:G2
1382	5/15/98	1489	106	RTA00000593F.g.18.1	M00022171D:B8
1383	5/15/98	1489	107	RTA00000592F.p.10.1	M00008061A:F2
1384	5/15/98	1489	108	RTA00000639F.f.19.1	M00023028A:A2
1385	5/15/98	1489	109	RTA00000630F.f.04.1	M00022206B:G6
1386	5/15/98	1489	110	RTA00000633F.o.02.1	M00022893C:H11
1387	5/15/98	1489	111	RTA00000632F.b.12.1	M00022495C:G5
1388	5/15/98	1489	112	RTA00000632F.g.20.1	M00022562C:H10
1389	5/15/98	1489	113	RTA00000593F.f.12.1	M00022109B:A11
1390	5/15/98	1489	114	RTA00000633F.c.19.1	M00022681C:H2
1391	5/15/98	1489	115	RTA00000629F.e.12.1	M00022068B:H11
1392	5/15/98	1489	116	RTA00000629F.j.01.1	M00022093A:A5
1393	5/15/98	1489	117	RTA00000627F.m.07.1	M00021625A:C7
1394	5/15/98	1489	118	RTA00000633F.n.12.1	M00022856C:B11
1395	5/15/98	1489	119	RTA00000632F.e.15.1	M00022527D:B3
1396	5/15/98	1489	120	RTA00000632F.a.09.1	M00022490C:A8
1397	5/15/98	1489	121	RTA00000631F.k.12.1	M00022439A:E7
1398	5/15/98	1489	122	RTA00000628F.c.02.1	M00021694B:A7
1399	5/15/98	1489	123	RTA00000632F.f.10.1	M00022535D:B11



Priority Appln Information					
SEQ ID NO:	Filed	Dkt No.	SEQ ID NO:	Sequence Name	Clone Name
1400	5/15/98	1489	124	RTA00000631F.f.11.1	M00022389B:H4
1401	5/15/98	1489	125	RTA00000633F.n.06.1	M00022854D:H7
1402	5/15/98	1489	126	RTA00000628F.l.14.1	M00021954A:A3
1403	5/15/98	1489	127	RTA00000632F.k.10.1	M00022607B:A4
1404	5/15/98	1489	128	RTA00000629F.b.08.1	M00022049A:D6
1405	5/15/98	1489	129	RTA00000629F.l.10.1	M00022122D:D6
1406	5/15/98	1489	130	RTA00000632F.c.04.1	M00022505D:A12
1407	5/15/98	1489	131	RTA00000630F.h.22.1	M00022221D:E8
1408	5/15/98	1489	132	RTA00000593F.e.18.1	M00022070B:C10
1409	5/15/98	1489	133	RTA00000630F.l.02.1	M00022252C:E6
1410	5/15/98	1489	134	RTA00000632F.k.20.1	M00022613D:C4
1411	5/15/98	1489	135	RTA00000628F.p.01.1	M00022005C:G3
1412	5/15/98	1489	136	RTA00000631F.l.01.1	M00022444A:A11
1413	5/15/98	1489	137	RTA00000628F.a.16.1	M00021678A:B8
1414	5/15/98	1489	138	RTA00000632F.j.14.1	M00022598A:F11
1415	5/15/98	1489	139	RTA00000628F.e.06.1	M00021859A:D4
1416	5/15/98	1489	140	RTA00000631F.n.08.1	M00022458B:E6
1417	5/15/98	1489	141	RTA00000630F.g.18.1	M00022216D:C1
1418	5/15/98	1489	142	RTA00000628F.m.08.1	M00021967D:E8
1419	5/15/98	1489	143	RTA00000592F.k.12.1	M00007961A:B1
1420	5/15/98	1489	144	RTA00000631F.e.22.1	M00022386C:A4
1421	5/15/98	1489	145	RTA00000628F.b.21.1	M00021692A:E3
1422	5/15/98	1489	146	RTA00000631F.d.13.1	M00022381C:C12
1423	5/15/98	1489	147	RTA00000629F.p.04.2	M00022153D:D11
1424	5/15/98	1489	148	RTA00000628F.b.01.1	M00021680B:C1
1425	5/15/98	1489	149	RTA00000630F.c.19.1	M00022183A:G3
1426	5/15/98	1489	150	RTA00000593F.l.06.1	M00022404D:G5
1427	5/15/98	1489	151	RTA00000628F.c.11.1	M00021698B:B12
1428	5/15/98	1489	152	RTA00000630F.l.05.1	M00022253B:E6
1429	5/15/98	1489	153	RTA00000628F.b.22.1	M00021692C:E6
1430	5/15/98	1489	154	RTA00000633F.g.19.1	M00022718D:G5
1431	5/15/98	1489	155	RTA00000629F.p.10.2	M00022157B:A10
1432	5/15/98	1489	156	RTA00000628F.b.17.1	M00021690B:B6
1433	5/15/98	1489	157	RTA00000627F.j.18.1	M00021611D:H3
1434	5/15/98	1489	158	RTA00000627F.p.10.1	M00021665A:D4
1435	5/15/98	1489	159	RTA00000628F.e.15.1	M00021862A:A4
1436	5/15/98	1489	160	RTA00000630F.h.12.1	M00022218D:B12
1437	5/15/98	1489	161	RTA00000628F.i.08.1	M00021912B:H11
1438	5/15/98	1489	162	RTA00000630F.c.09.1	M00022178D:H1
1439	5/15/98	1489	163	RTA00000633F.o.08.1	M00022897A:F4

Priority Appln Information					
SEQ ID NO:	Filed	Dkt No.	SEQ ID NO:	Sequence Name	Clone Name
1440	5/15/98	1489	164	RTA00000628F.l.07.1	M00021947A:C1
1441	5/15/98	1489	165	RTA00000628F.n.18.1	M00021983D:B10
1442	5/15/98	1489	166	RTA00000630F.l.10.1	M00022254C:D8
1443	5/15/98	1489	167	RTA00000632F.i.01.1	M00022578D:F3
1444	5/15/98	1489	168	RTA00000629F.j.04.1	M00022093D:B10
1445	5/15/98	1489	169	RTA00000627F.j.16.1	M00021611D:D5
1446	5/15/98	1489	170	RTA00000629F.e.20.1	M00022069D:G2
1447	5/15/98	1489	171	RTA00000632F.h.21.1	M00022578C:B7
1448	5/15/98	1489	172	RTA00000629F.p.09.2	M00022157A:F12
1449	5/15/98	1489	173	RTA00000631F.d.22.1	M00022382D:H11
1450	5/15/98	1489	174	RTA00000630F.l.14.1	M00022255A:C8
1451	5/15/98	1489	175	RTA00000633F.h.12.1	M00022725C:E9
1452	5/15/98	1489	176	RTA00000630F.i.11.1	M00022231C:A4
1453	5/15/98	1489	177	RTA00000632F.a.05.1	M00022489C:A8
1454	5/15/98	1489	178	RTA00000629F.g.21.1	M00022081C:G11
1455	5/15/98	1489	179	RTA00000632F.e.12.1	M00022527A:E5
1456	5/15/98	1489	180	RTA00000632F.g.11.1	M00022557B:A8
1457	5/15/98	1489	181	RTA00000629F.f.22.1	M00022075D:F5
1458	5/15/98	1489	182	RTA00000630F.j.12.1	M00022239A:A10
1459	5/15/98	1489	183	RTA00000629F.h.16.1	M00022085C:C4
1460	5/15/98	1489	184	RTA00000633F.j.13.1	M00022745A:B4
1461	5/15/98	1489	185	RTA00000633F.h.10.1	M00022725C:B3
1462	5/15/98	1489	186	RTA00000632F.b.05.1	M00022493C:C6
1463	5/15/98	1489	187	RTA00000633F.h.18.1	M00022727B:C5
1464	5/15/98	1489	188	RTA00000633F.h.13.1	M00022726A:A6
1465	5/15/98	1489	189	RTA00000630F.i.09.1	M00022231A:F12
1466	5/15/98	1489	190	RTA00000593F.h.03.1	M00022176C:A8
1467	5/15/98	1489	191	RTA00000632F.c.18.1	M00022509D:F6
1468	5/15/98	1489	192	RTA00000593F.f.03.1	M00022081C:B11
1469	5/15/98	1489	193	RTA00000627F.n.21.1	M00021653A:G7
1470	5/15/98	1489	194	RTA00000631F.g.18.2	M00022407C:H11
1471	5/15/98	1489	195	RTA00000639F.c.14.1	M00022980B:E11
1472	5/15/98	1489	196	RTA00000633F.m.08.1	M00022824C:H11
1473	5/15/98	1489	197	RTA00000627F.m.10.1	M00021629D:D5
1474	5/15/98	1489	198	RTA00000632F.h.20.1	M00022578B:G5
1475	5/15/98	1489	199	RTA00000627F.o.09.1	M00021657B:C8
1476	5/15/98	1489	200	RTA00000632F.j.06.1	M00022594B:H12
1477	5/15/98	1489	201	RTA00000632F.d.07.1	M00022514A:D4
1478	5/15/98	1489	202	RTA00000629F.d.23.1	M00022064C:H7
1479	5/15/98	1489	203	RTA00000629F.m.05.1	M00022128A:D4

Priority Appln Information					
SEQ ID NO:	Filed	Dkt No.	SEQ ID NO:	Sequence Name	Clone Name
1480	5/15/98	1489	204	RTA00000639F.b.08.1	M00022963A:D11
1481	5/15/98	1489	205	RTA00000627F.l.21.1	M00021624A:D7
1482	5/15/98	1489	206	RTA00000628F.j.16.1	M00021927D:D12
1483	5/15/98	1489	207	RTA00000628F.b.08.1	M00021681C:B10
1484	5/15/98	1489	208	RTA00000630F.e.10.1	M00022199C:F3
1485	5/15/98	1489	209	RTA00000639F.b.21.1	M00022968A:F2
1486	5/15/98	1489	210	RTA00000631F.h.04.1	M00022411D:G9
1487	5/15/98	1489	211	RTA00000639F.c.15.1	M00022980C:A9
1488	5/15/98	1489	212	RTA00000631F.d.11.1	M00022381A:F5
1489	5/15/98	1489	213	RTA00000633F.e.18.1	M00022698C:E6
1490	5/15/98	1489	214	RTA00000615F.e.19.1	M00004875A:G9
1491	5/15/98	1489	215	RTA00000629F.n.11.2	M00022139A:C1
1492	5/15/98	1489	216	RTA00000631F.g.11.2	M00022404B:H5
1493	5/15/98	1489	217	RTA00000630F.o.18.1	M00022288C:D4
1494	5/15/98	1489	218	RTA00000633F.h.22.1	M00022730D:E10
1495	5/15/98	1489	219	RTA00000633F.e.24.1	M00022701B:B12
1496	5/15/98	1489	220	RTA00000633F.o.19.1	M00022900D:E8
1497	5/15/98	1489	221	RTA00000630F.e.04.1	M00022198A:C12
1498	5/15/98	1489	222	RTA00000627F.o.01.1	M00021654C:A2
1499	5/15/98	1489	223	RTA00000629F.k.21.1	M00022114C:B2
1500	5/15/98	1489	224	RTA00000631F.g.04.1	M00022399C:A10
1501	5/15/98	1489	225	RTA00000630F.m.03.1	M00022258C:F6
1502	5/15/98	1489	226	RTA00000629F.i.08.1	M00022090A:G8
1503	5/15/98	1489	227	RTA00000593F.d.02.2	M00021682B:D12
1504	5/15/98	1489	228	RTA00000631F.a.24.1	M00022365A:A1
1505	5/15/98	1489	229	RTA00000629F.p.06.2	M00022154A:C1
1506	5/15/98	1489	230	RTA00000633F.n.09.1	M00022856B:D7
1507	5/15/98	1489	231	RTA00000633F.f.14.1	M00022708A:C8
1508	5/15/98	1489	232	RTA00000629F.k.11.1	M00022106C:F4
1509	5/15/98	1489	233	RTA00000630F.b.02.1	M00022170D:H9
1510	5/15/98	1489	234	RTA00000633F.p.04.1	M00022902D:D3
1511	5/15/98	1489	235	RTA00000633F.n.08.1	M00022856A:D2
1512	5/15/98	1489	236	RTA00000628F.h.06.1	M00021897B:A6
1513	5/15/98	1489	237	RTA00000628F.d.05.1	M00021841C:D7
1514	5/15/98	1489	238	RTA00000627F.l.22.1	M00021624B:A3
1515	5/15/98	1489	239	RTA00000630F.f.19.1	M00022212C:C2
1516	5/15/98	1489	240	RTA00000630F.h.17.1	M00022220C:F8
1517	5/15/98	1489	241	RTA00000632F.i.15.1	M00022583B:E5
1518	5/15/98	1489	242	RTA00000633F.j.15.1	M00022745B:G2
1519	5/15/98	1489	243	RTA00000628F.k.05.1	M00021932C:G10

## Priority Appln Information

SEQ ID NO:	Filed	Dkt No.	SEQ ID NO:	Sequence Name	Clone Name
1520	5/15/98	1489	244	RTA00000633F.d.04.1	M00022685A:F11
1521	5/15/98	1489	245	RTA00000639F.h.10.1	M00023094A:C4
1522	5/15/98	1489	246	RTA00000632F.f.11.1	M00022535D:C4
1523	5/15/98	1489	247	RTA00000631F.p.20.1	M00022480B:E7
1524	5/15/98	1489	248	RTA00000629F.o.17.2	M00022150A:H6
1525	5/15/98	1489	249	RTA00000592F.l.23.1	M00007986C:C5
1526	5/15/98	1489	250	RTA00000630F.d.10.1	M00022189A:A1
1527	5/15/98	1489	251	RTA00000632F.j.19.1	M00022600C:A6
1528	5/15/98	1489	252	RTA00000633F.n.10.1	M00022856B:F4
1529	5/15/98	1489	253	RTA00000628F.h.13.1	M00021905A:G5
1530	5/15/98	1489	254	RTA00000633F.k.05.1	M00022763A:E10
1531	5/15/98	1489	255	RTA00000633F.i.11.1	M00022735B:B1
1532	5/15/98	1489	256	RTA00000633F.o.20.1	M00022900D:G3
1533	5/15/98	1489	257	RTA00000628F.b.19.1	M00021690D:E5
1534	5/15/98	1489	258	RTA00000627F.p.14.1	M00021667D:E3
1535	5/15/98	1489	259	RTA00000628F.n.15.1	M00021983B:B3
1536	5/15/98	1489	260	RTA00000592F.p.22.1	M00008074D:C1
1537	5/15/98	1489	261	RTA00000628F.m.19.1	M00021977D:E2
1538	5/15/98	1489	262	RTA00000593F.a.05.1	M00008078C:C6
1539	5/15/98	1489	263	RTA00000639F.g.17.1	M00023036D:C4
1540	5/15/98	1489	264	RTA00000632F.j.15.1	M00022599A:C3
1541	5/15/98	1489	265	RTA00000592F.l.04.1	M00007971A:B4
1542	5/15/98	1489	266	RTA00000629F.c.07.1	M00022054D:C5
1543	5/15/98	1489	267	RTA00000592F.l.21.1	M00007985A:B9
1544	5/15/98	1489	268	RTA00000629F.h.15.1	M00022085C:A7
1545	5/15/98	1489	269	RTA00000633F.n.02.1	M00022835C:E6
1546	5/15/98	1489	270	RTA00000630F.n.24.1	M00022278D:F10
1547	5/15/98	1489	271	RTA00000592F.k.09.1	M00007953B:B3
1548	5/15/98	1489	272	RTA00000592F.l.10.1	M00007974B:C11
1549	5/15/98	1489	273	RTA00000628F.k.04.1	M00021932C:C5
1550	5/15/98	1489	274	RTA00000630F.h.24.1	M00022226C:B6
1551	5/15/98	1489	275	RTA00000629F.i.13.1	M00022091B:B7
1552	5/15/98	1489	276	RTA00000630F.b.01.1	M00022170D:H7
1553	5/15/98	1489	277	RTA00000628F.g.13.1	M00021886D:E4
1554	5/15/98	1489	278	RTA00000592F.m.13.1	M00007995D:E6
1555	5/15/98	1489	279	RTA00000633F.h.20.1	M00022728A:A9
1556	5/15/98	1489	280	RTA00000593F.d.08.2	M00021860B:G6
1557	5/15/98	1489	281	RTA00000629F.f.01.1	M00022071B:D5
1558	5/15/98	1489	282	RTA00000632F.i.11.1	M00022582C:E12
1559	5/15/98	1489	283	RTA00000632F.j.24.1	M00022604B:C11

Priority Appln Information					
SEQ ID NO:	Filed	Dkt No.	SEQ ID NO:	Sequence Name	Clone Name
1560	5/15/98	1489	284	RTA00000629F.f.03.1	M00022071C:C9
1561	5/15/98	1489	285	RTA00000593F.b.04.1	M00008094A:E10
1562	5/15/98	1489	286	RTA00000628F.l.12.1	M00021952B:F11
1563	5/15/98	1489	287	RTA00000632F.j.12.1	M00022597B:F11
1564	5/15/98	1489	288	RTA00000592F.k.23.1	M00007964B:D10
1565	5/15/98	1489	289	RTA00000632F.g.07.1	M00022556B:C4

Table 1B

SEQ ID NO:	Sample Name	Overlap	Clone Name
1566	803.F11.sp6:165002	VO	M00004236D:E07
1567	180.B11.sp6:135937	VO	M00001453B:F08
1568	1033.D01.sp6:188349	VO	M00001455A:E09
1569	1164.H10.sp6:186952	VO	M00001455A:E09
1570	80.E12.sp6:130267	VNO	
1571	121.C2.sp6:131906	VNO	
1572	1035.D01.sp6:188733	VO	M00003939A:A02
1573	1034.G03.sp6:188579	VNO	
1574	020.C1.sp6:128615	VO	M00003820C:A09
1575	019.B1.sp6:128411	VO	M00003820C:A09
1576	803.F4.sp6:164995	VO	M00004052C:B05
1577	1033.C06.sp6:188342	VO	M00001654D:F06
1578	1035.H07.sp6:188787	VO	M00004034C:F05
1579	396.C9.sp6:149508	VO	M00004034C:F05
1580	396.D9.sp6:149520	VO	M00004035B:F05
1581	1035.B08.sp6:188716	VO	M00004035B:F05
1582	396.H9.sp6:149568	VNO	
1583	1035.D09.sp6:188741	VO	M00004037C:D07
1584	1036.B05.sp6:188905	VO	M00004115C:H04
1585	404.G2.sp6:162929	VNO	
1586	1035.D07.sp6:188739	VO	M00004031D:G02
1587	1034.A05.sp6:188509	VO	M00003829A:B08
1588	395.B5.sp6:149300	VO	M00003829A:B08
1589	1034.F07.sp6:188571	VO	M00003852D:D03
1590	1035.E04.sp6:188748	VO	M00003982A:G03
1591	396.F3.sp6:149538	VO	M00003982A:G03
1592	396.H3.sp6:149562	VO	M00003982B:C10
1593	1035.F04.sp6:188760	VNO	
1594	396.D4.sp6:149515	VO	M00003983A:D02
1595	1035.G04.sp6:188772	VO	M00003983A:D02
1596	396.D5.sp6:149516	VO	M00003985A:C01
1597	1035.B05.sp6:188713	VO	M00003985A:C01
1598	1035.C06.sp6:188726	VO	M00004028C:D01
1599	396.A7.sp6:149482	VNO	
1600	1035.E06.sp6:188750	VO	M00004029C:B03
1601	801.E1.sp6:164692	VO	M00001344D:G11
1602	801.F1.sp6:164704	VO	M00001345A:A12
1603	801.A2.sp6:164645	VNO	
1604	801.B2.sp6:164657	VNO	
1605	801.C2.sp6:164669	VO	M00001347A:G06
1606	801.D2.sp6:164681	VO	M00001347B:H01
1607	801.E2.sp6:164693	VNO	

SEQ ID NO:	Sample Name	Overlap	Clone Name
1608	801.F2.sp6:164705	VNO	
1609	801.A3.sp6:164646	VO	M00001355B:A01
1610	801.B3.sp6:164658	VO	M00001358D:D09
1611	801.C3.sp6:164670	VO	M00001359A:B07
1612	801.D3.sp6:164682	VO	M00001362A:C10
1613	801.E3.sp6:164694	VO	M00001362B:A09
1614	801.G3.sp6:164718	VO	M00001365D:D12
1615	801.H3.sp6:164730	VO	M00001365D:H09
1616	801.A4.sp6:164647	VNO	
1617	801.B4.sp6:164659	VO	M00001370A:G09
1618	801.C4.sp6:164671	VO	M00001370B:B04
1619	801.D4.sp6:164683	VO	M00001370B:B12
1620	801.E4.sp6:164695	VNO	
1621	801.G4.sp6:164719	VO	M00001374D:D09
1622	801.D5.sp6:164684	VO	M00001377C:B08
1623	801.F5.sp6:164708	VNO	
1624	801.G5.sp6:164720	VNO	
1625	801.H5.sp6:164732	VNO	
1626	801.A6.sp6:164649	VO	M00001384A:C09
1627	801.B6.sp6:164661	VO	M00001387A:A04
1628	801.D6.sp6:164685	VO	M00001389B:B06
1629	801.E6.sp6:164697	VO	M00001390A:C06
1630	801.F6.sp6:164709	VO	M00001390A:H01
1631	801.D7.sp6:164686	VNO	
1632	801.E7.sp6:164698	VO	M00001399C:E10
1633	1033.A01.sp6:188313	VO	M00001399D:F09
1634	801.G7.sp6:164722	VNO	
1635	801.H7.sp6:164734	VO	M00001401D:D04
1636	801.A8.sp6:164651	VNO	
1637	801.B8.sp6:164663	VO	M00001402D:C07
1638	801.C8.sp6:164675	VO	M00001402D:H03
1639	801.D8.sp6:164687	VO	M00001403B:A01
1640	801.E8.sp6:164699	VO	M00001405D:F05
1641	801.G8.sp6:164723	VO	M00001406C:A11
1642	801.B9.sp6:164664	VO	M00001407B:A08
1643	801.C9.sp6:164676	VO	M00001407D:H11
1644	801.D9.sp6:164688	VNO	
1645	801.E9.sp6:164700	VNO	
1646	801.F9.sp6:164712	VO	M00001411A:D01
1647	801.G9.sp6:164724	VNO	
1648	801.H9.sp6:164736	VO	M00001411C:G02
1649	801.B10.sp6:164665	VO	M00001412A:A11
1650	801.C10.sp6:164677	VNO	

SEQ ID NO:	Sample Name	Overlap	Clone Name
1651	801.D10.sp6:164689	VNO	
1652	801.E10.sp6:164701	VO	M00001415D:E12
1653	801.F10.sp6:164713	VNO	
1654	801.G10.sp6:164725	VO	M00001417B:E01
1655	020.A6.sp6:128596	VO	M00001417B:E01
1656	801.H10.sp6:164737	VNO	
1657	801.A11.sp6:164654	VO	M00001417C:E02
1658	801.B11.sp6:164666	VNO	
1659	801.C11.sp6:164678	VO	M00001421A:H07
1660	801.F11.sp6:164714	VO	M00001423C:D06
1661	801.G11.sp6:164726	VO	M00001424A:H09
1662	801.H11.sp6:164738	VO	M00001425C:E10
1663	801.B12.sp6:164667	VO	M00001426A:F09
1664	801.C12.sp6:164679	VO	M00001426D:D09
1665	801.E12.sp6:164703	VO	M00001431A:C10
1666	801.F12.sp6:164715	VO	M00001431A:E05
1667	801.G12.sp6:164727	VO	M00001432A:F12
1668	801.H12.sp6:164739	VO	M00001432B:H08
1669	802.A1.sp6:164740	VO	M00001432C:G01
1670	802.B1.sp6:164752	VO	M00001433A:C07
1671	802.C1.sp6:164764	VNO	
1672	802.D1.sp6:164776	VO	M00001434A:A01
1673	802.E1.sp6:164788	VNO	
1674	802.F1.sp6:164800	VO	M00001435A:F03
1675	802.G1.sp6:164812	VO	M00001435A:G01
1676	802.H1.sp6:164824	VO	M00001435B:G10
1677	802.A2.sp6:164741	VO	M00001435C:G08
1678	802.B2.sp6:164753	VNO	
1679	802.C2.sp6:164765	VO	M00001435D:A06
1680	802.D2.sp6:164777	VO	M00001436D:C10
1681	802.E2.sp6:164789	VO	M00001437B:B05
1682	802.G2.sp6:164813	VNO	
1683	802.H2.sp6:164825	VO	M00001438C:H05
1684	802.A3.sp6:164742	VNO	
1685	802.B3.sp6:164754	VO	M00001439B:F10
1686	802.C3.sp6:164766	VO	M00001439C:A01
1687	802.D3.sp6:164778	VO	M00001439C:G06
1688	802.E3.sp6:164790	VO	M00001441D:H05
1689	802.F3.sp6:164802	VO	M00001442A:D08
1690	802.G3.sp6:164814	VNO	
1691	802.H3.sp6:164826	VO	M00001443D:A01
1692	802.A4.sp6:164743	VNO	
1693	802.B4.sp6:164755	VO	M00001444A:A09



SEQ ID NO:	Sample Name	Overlap	Clone Name
1694	802.C4.sp6:164767	VNO	
1695	802.D4.sp6:164779	VNO	
1696	802.E4.sp6:164791	VO	M00001446D:B10
1697	1033.B01.sp6:188325	VO	M00001448A:D05
1698	802.F4.sp6:164803	VO	M00001451B:H11
1699	802.G4.sp6:164815	VNO	
1700	802.H4.sp6:164827	VO	M00001452B:H06
1701	802.A5.sp6:164744	VO	M00001452D:E05
1702	802.C5.sp6:164768	VO	M00001453D:F09
1703	1033.C01.sp6:188337	VO	M00001455A:C03
1704	1033.E01.sp6:188361	VO	M00001456C:F02
1705	1033.F01.sp6:188373	VO	M00001458B:F06
1706	802.D5.sp6:164780	VO	M00001463C:A01
1707	802.E5.sp6:164792	VO	M00001466C:F02
1708	802.F5.sp6:164804	VNO	
1709	802.G5.sp6:164816	VO	M00001471C:G03
1710	1033.G01.sp6:188385	VO	M00001478A:B06
1711	1033.H01.sp6:188397	VO	M00001487D:G03
1712	802.H5.sp6:164828	VO	M00001488B:G12
1713	802.B6.sp6:164757	VO	M00001489B:F08
1714	802.C6.sp6:164769	VO	M00001489D:C08
1715	802.D6.sp6:164781	VO	M00001490B:G04
1716	802.E6.sp6:164793	VO	M00001491C:C01
1717	802.F6.sp6:164805	VNO	
1718	802.G6.sp6:164817	VO	M00001496A:B03
1719	802.H6.sp6:164829	VNO	
1720	802.A7.sp6:164746	VO	M00001496D:D02
1721	802.B7.sp6:164758	VNO	
1722	802.D7.sp6:164782	VNO	
1723	802.E7.sp6:164794	VO	M00001500A:D09
1724	802.F7.sp6:164806	VNO	
1725	802.G7.sp6:164818	VNO	
1726	802.H7.sp6:164830	VO	M00001504D:D09
1727	802.A8.sp6:164747	VO	M00001505A:E09
1728	802.B8.sp6:164759	VO	M00001506A:F01
1729	802.D8.sp6:164783	VO	M00001517D:C03
1730	802.E8.sp6:164795	VO	M00001518D:A10
1731	1033.A02.sp6:188314	VO	M00001530A:D11
1732	802.F8.sp6:164807	VO	M00001536B:B11
1733	802.G8.sp6:164819	VO	M00001537B:C12
1734	1033.B02.sp6:188326	VO	M00001539B:B01
1735	802.H8.sp6:164831	VO	M00001542C:D10
1736	802.A9.sp6:164748	VO	M00001542C:F06

SEQ ID NO:	Sample Name	Overlap	Clone Name
1737	802.B9.sp6:164760	VNO	
1738	802.C9.sp6:164772	VO	M00001543A:E04
1739	802.E9.sp6:164796	VO	M00001546B:H01
1740	802.G9.sp6:164820	VO	M00001551D:C12
1741	802.H9.sp6:164832	VO	M00001552B:D01
1742	802.A10.sp6:164749	VO	M00001553D:B06
1743	802.B10.sp6:164761	VNO	
1744	802.C10.sp6:164773	VO	M00001556D:A11
1745	802.D10.sp6:164785	VNO	
1746	802.E10.sp6:164797	VO	M00001557C:B08
1747	802.F10.sp6:164809	VO	M00001558B:A12
1748	802.G10.sp6:164821	VO	M00001560C:C01
1749	802.H10.sp6:164833	VO	M00001561B:C10
1750	1033.C02.sp6:188338	VO	M00001563C:D06
1751	1033.D02.sp6:188350	VO	M00001564C:D04
1752	1033.E02.sp6:188362	VO	M00001565A:A02
1753	1033.F02.sp6:188374	VO	M00001569B:F04
1754	1033.G02.sp6:188386	VO	M00001572C:E07
1755	1033.H02.sp6:188398	VO	M00001575A:H02
1756	1033.A03.sp6:188315	VO	M00001582D:B10
1757	1033.B03.sp6:188327	VO	M00001584C:A03
1758	1033.E04.sp6:188364	VO	M00001618B:F02
1759	1033.B08.sp6:188332	VO	M00001687C:A06
1760	1033.H12.sp6:188408	VNO	
1761	1034.C05.sp6:188533	VO	M00003830A:A10
1762	1034.F05.sp6:188569	VO	M00003833D:D06
1763	1034.D06.sp6:188546	VO	M00003839D:G06
1764	1034.G06.sp6:188582	VO	M00003843A:B01
1765	1034.H07.sp6:188595	VO	M00003858A:D01
1766	1034.A08.sp6:188512	VO	M00003859C:B09
1767	1034.E08.sp6:188560	VO	M00003868D:F07
1768	1034.C10.sp6:188538	VO	M00003895D:A03
1769	1034.B11.sp6:188527	VO	M00003906C:H12
1770	1034.G11.sp6:188587	VNO	
1771	1034.D12.sp6:188552	VO	M00003918C:E07
1772	1035.H01.sp6:188781	VNO	
1773	1035.G02.sp6:188770	VNO	
1774	325.D3.sp6:145862	VNO	
1775	1035.A05.sp6:188701	VNO	
1776	1035.F05.sp6:188761	VNO	
1777	803.H1.sp6:165016	VNO	
1778	803.F2.sp6:164993	VNO	
1779	1035.G06.sp6:188774	VO	M00004030A:G12

SEQ ID NO:	Sample Name	Overlap	Clone Name
1780	1035.A07.sp6:188703	VO	M00004030B:C05
1781	1035.B07.sp6:188715	VNO	
1782	1035.D08.sp6:188740	VO	M00004035D:C05
1783	1035.G08.sp6:188776	VO	M00004036C:D01
1784	1035.A09.sp6:188705	VNO	
1785	1035.B09.sp6:188717	VO	M00004037B:B05
1786	1035.G09.sp6:188777	VO	M00004038C:D12
1787	803.C4.sp6:164959	VO	M00004051C:D02
1788	803.A5.sp6:164936	VNO	
1789	774.E2.sp6:162484	VO	M00004054D:D02
1790	803.D5.sp6:164972	VNO	
1791	803.C6.sp6:164961	VNO	
1792	803.D6.sp6:164973	VNO	
1793	1035.A12.sp6:188708	VNO	
1794	1035.C12.sp6:188732	VO	M00004076D:B03
1795	774.E4.sp6:162500	VO	M00004081B:C11
1796	1035.G12.sp6:188780	VO	M00004081B:C11
1797	1036.H01.sp6:188973	VO	M00004089A:F02
1798	1036.D02.sp6:188926	VO	M00004091B:G04
1799	1036.G03.sp6:188963	VO	M00004103B:C07
1800	1036.F04.sp6:188952	VNO	
1801	1036.H04.sp6:188976	VO	M00004115A:F01
1802	1036.A05.sp6:188893	VO	M00004115A:G09
1803	1036.B06.sp6:188906	VNO	
1804	803.A7.sp6:164938	VNO	
1805	803.E8.sp6:164987	VNO	
1806	803.F8.sp6:164999	VO	M00004159D:C04
1807	803.A9.sp6:164940	VO	M00004160A:D07
1808	1036.D06.sp6:188930	VO	M00004178B:F06
1809	1036.F06.sp6:188954	VNO	
1810	1036.H06.sp6:188978	VO	M00004184B:F11
1811	1036.D09.sp6:188933	VO	M00004202B:A02
1812	1036.F09.sp6:188957	VO	M00004202B:G09
1813	803.H10.sp6:165025	VNO	
1814	803.H11.sp6:165026	VNO	
1815	803.C12.sp6:164967	VNO	
1816	804.D1.sp6:165160	VNO	
1817	983.D01.sp6:186199	VO	M00004247B:C11
1818	1036.D11.sp6:188935	VO	M00004249C:E12
1819	804.B3.sp6:165138	VNO	
1820	983.B03.sp6:186181	VO	M00004277D:C08
1821	804.F5.sp6:165188	VNO	
1822	983.F05.sp6:186221	VO	M00004337D:G08

SEQ ID NO:	Sample Name	Overlap	Clone Name
1823	983.G05.sp6:186230	VO	M00004345A:H06
1824	804.G5.sp6:165200	VNO	
1825	983.A06.sp6:186174	VO	M00004350B:F06
1826	804.A6.sp6:165129	VNO	
1827	774.D12.sp6:162563	VO	M00004350B:F06
1828	804.F7.sp6:165190	VNO	
1829	983.F07.sp6:186223	VO	M00004446A:G01
1830	992.E01.sp6:186367	VO	M00005332A:H10
1831	992.G02.sp6:186392	VNO	
1832	992.A04.sp6:186322	VO	M00005378C:A10
1833	992.D04.sp6:186358	VO	M00005384A:A01
1834	992.B05.sp6:186335	VO	M00005390B:G10
1835	992.H05.sp6:186407	VO	M00005399A:D01
1836	992.A06.sp6:186324	VNO	
1837	992.B06.sp6:186336	VO	M00005399D:B02
1838	020.G4.sp6:128666	VO	M00005404C:F02
1839	020.G8.sp6:128670	VO	M00005411A:C07
1840	992.H06.sp6:186408	VNO	
1841	953.F01.sp6:185185	VO	M00005411D:A03
1842	992.A07.sp6:186325	VO	M00005411D:A03
1843	992.D08.sp6:186362	VO	M00005446A:G01
1844	992.B09.sp6:186339	VO	M00005450B:B01
1845	953.A07.sp6:185131	VO	M00005450B:B01
1846	953.E07.sp6:185179	VO	M00005452C:A02
1847	992.E09.sp6:186375	VO	M00005452C:A02
1848	992.G09.sp6:186399	VO	M00005455A:D01
1849	992.H09.sp6:186411	VO	M00005455A:G03
1850	992.D11.sp6:186365	VNO	
1851	953.H10.sp6:185218	VO	M00005477C:D08
1852	992.F11.sp6:186389	VO	M00005477C:D08
1853	953.D11.sp6:185171	VO	M00005480A:H12
1854	992.H11.sp6:186413	VO	M00005480C:B12
1855	992.A12.sp6:186330	VO	M00005481C:A05
1856	953.E11.sp6:185183	VO	M00005481C:A05
1857	953.C12.sp6:185160	VO	M00005485C:A03
1858	992.F12.sp6:186390	VO	M00005485C:A03
1859	953.E12.sp6:185184	VO	M00005486C:B03
1860	993.C03.sp6:186537	VO	M00005510B:D06
1861	993.D03.sp6:186549	VO	M00005513A:D08
1862	993.E03.sp6:186561	VO	M00005524C:B01
1863	993.G03.sp6:186585	VO	M00005528D:H06
1864	993.A04.sp6:186514	VO	M00005530B:E04
1865	993.B05.sp6:186527	VO	M00005616B:D05

SEQ ID NO:	Sample Name	Overlap	Clone Name
1866	993.C06.sp6:186540	VNO	
1867	993.B08.sp6:186530	VO	M00005704A:B11
1868	993.C08.sp6:186542	VO	M00005708D:B03
1869	993.D09.sp6:186555	VO	M00005765C:C04
1870	993.E09.sp6:186567	VO	M00005772A:F03
1871	993.F10.sp6:186580	VO	M00006577B:H12
1872	993.C11.sp6:186545	VO	M00006587A:H08
1873	993.D11.sp6:186557	VNO	
1874	993.G11.sp6:186593	VNO	
1875	993.H12.sp6:186606	VO	M00006615B:F05
1876	626.B2.sp6:157417	VO	M00007953B:B03
1877	627.E6.sp6:157649	VO	M00007985A:B09
1878	633.C4.sp6:156098	VO	M00008061A:F02
1879	636.F10.sp6:158241	VO	M00022070B:C10
1880	641.G8.GZ42:158428	VO	M00022109B:A11
1881	642.B7.sp6:156281	VO	M00022176C:A08
1882	1010.F02.sp6:189986	VNO	
1883	1010.A09.sp6:189945	VO	M00022828C:E04
1884	1033.C03.sp6:188339	VO	M00001586A:F09
1885	1033.D03.sp6:188351	VO	M00001588D:H08
1886	1033.E03.sp6:188363	VO	M00001589C:D12
1887	1033.F03.sp6:188375	VO	M00001589D:G10
1888	1033.G03.sp6:188387	VO	M00001590D:A07
1889	802.A11.sp6:164750	VNO	
1890	802.B11.sp6:164762	VO	M00001597C:B03
1891	1033.H03.sp6:188399	VO	M00001598C:D10
1892	1033.A04.sp6:188316	VO	M00001599A:H09
1893	1033.B04.sp6:188328	VNO	
1894	1033.C04.sp6:188340	VO	M00001610B:A01
1895	1033.D04.sp6:188352	VO	M00001614C:G04
1896	1033.F04.sp6:188376	VO	M00001618C:E06
1897	1033.G04.sp6:188388	VO	M00001621C:A04
1898	802.E11.sp6:164798	VNO	
1899	802.G11.sp6:164822	VO	M00001623B:B01
1900	802.H11.sp6:164834	VO	M00001623D:A09
1901	1033.H04.sp6:188400	VO	M00001626B:H05
1902	1033.A05.sp6:188317	VNO	
1903	1033.B05.sp6:188329	VO	M00001634C:E12
1904	1033.C05.sp6:188341	VO	M00001639A:A04
1905	1033.D05.sp6:188353	VNO	
1906	1033.E05.sp6:188365	VO	M00001640A:F04
1907	1033.F05.sp6:188377	VO	M00001641B:G05
1908	802.C12.sp6:164775	VO	M00001644D:F09

SEQ ID NO:	Sample Name	Overlap	Clone Name
1909	1033.G05.sp6:188389	VO	M00001647C:C07
1910	1033.H05.sp6:188401	VO	M00001648C:F06
1911	1033.A06.sp6:188318	VNO	
1912	1033.B06.sp6:188330	VO	M00001649D:H05
1913	1033.D06.sp6:188354	VO	M00001655A:F07
1914	1033.E06.sp6:188366	VO	M00001656D:F11
1915	1033.F06.sp6:188378	VNO	
1916	1033.G06.sp6:188390	VNO	
1917	1033.H06.sp6:188402	VO	M00001660A:F10
1918	1033.A07.sp6:188319	VO	M00001663C:C03
1919	1033.B07.sp6:188331	VO	M00001669A:H11
1920	1033.C07.sp6:188343	VO	M00001669B:A03
1921	1033.D07.sp6:188355	VO	M00001675C:B03
1922	1033.E07.sp6:188367	VO	M00001677A:A06
1923	1033.F07.sp6:188379	VO	M00001677A:A12
1924	1033.G07.sp6:188391	VO	M00001678D:A12
1925	1033.H07.sp6:188403	VNO	
1926	1033.A08.sp6:188320	VNO	
1927	1033.C08.sp6:188344	VO	M00001693D:F07
1928	1033.D08.sp6:188356	VO	M00003741A:E01
1929	1033.E08.sp6:188368	VO	M00003745C:E03
1930	1033.F08.sp6:188380	VO	M00003746A:E01
1931	1033.G08.sp6:188392	VNO	
1932	1033.H08.sp6:188404	VO	M00003748B:B06
1933	1033.A09.sp6:188321	VO	M00003749B:C08
1934	1033.B09.sp6:188333	VO	M00003749D:G07
1935	1033.C09.sp6:188345	VO	M00003752A:B06
1936	1033.D09.sp6:188357	VO	M00003752D:D09
1937	1033.E09.sp6:188369	VO	M00003753C:B01
1938	1033.F09.sp6:188381	VO	M00003754C:F01
1939	1033.G09.sp6:188393	VO	M00003756C:C08
1940	1033.H09.sp6:188405	VO	M00003759A:E10
1941	1033.A10.sp6:188322	VO	M00003762A:D11
1942	1033.B10.sp6:188334	VO	M00003763B:D03
1943	1033.C10.sp6:188346	VO	M00003763D:F06
1944	1033.D10.sp6:188358	VO	M00003765D:E02
1945	1033.E10.sp6:188370	VO	M00003766A:G09
1946	1033.F10.sp6:188382	VO	M00003766B:G04
1947	1033.G10.sp6:188394	VO	M00003767C:F04
1948	1033.H10.sp6:188406	VO	M00003769B:A04
1949	1033.A11.sp6:188323	VO	M00003769D:G12
1950	1033.B11.sp6:188335	VO	M00003770D:C07
1951	1033.C11.sp6:188347	VO	M00003771A:G09

SEQ ID NO:	Sample Name	Overlap	Clone Name
1952	1033.D11.sp6:188359	VO	M00003771D:A10
1953	1033.E11.sp6:188371	VO	M00003773A:C09
1954	1033.F11.sp6:188383	VO	M00003773B:E09
1955	1033.G11.sp6:188395	VO	M00003773B:G08
1956	1033.H11.sp6:188407	VO	M00003773C:G06
1957	1033.A12.sp6:188324	VO	M00003773D:C02
1958	802.E12.sp6:164799	VNO	
1959	802.F12.sp6:164811	VNO	
1960	802.G12.sp6:164823	VO	M00003784C:B09
1961	802.H12.sp6:164835	VO	M00003785D:E01
1962	803.A1.sp6:164932	VNO	
1963	803.B1.sp6:164944	VNO	
1964	803.C1.sp6:164956	VNO	
1965	1033.B12.sp6:188336	VO	M00003789C:E03
1966	1033.C12.sp6:188348	VO	M00003790B:F12
1967	1033.D12.sp6:188360	VO	M00003793C:D11
1968	1033.F12.sp6:188384	VO	M00003796B:C07
1969	1033.G12.sp6:188396	VO	M00003796C:H03
1970	1034.A01.sp6:188505	VO	M00003797D:H06
1971	1034.B01.sp6:188517	VNO	
1972	1034.C01.sp6:188529	VO	M00003801D:F05
1973	1034.D01.sp6:188541	VO	M00003805A:G05
1974	1034.E01.sp6:188553	VO	M00003808C:D09
1975	1034.F01.sp6:188565	VO	M00003809A:A12
1976	1034.G01.sp6:188577	VO	M00003809A:H12
1977	1034.H01.sp6:188589	VO	M00003809B:D08
1978	1034.A02.sp6:188506	VO	M00003811B:E07
1979	1034.B02.sp6:188518	VO	M00003812B:F08
1980	1034.C02.sp6:188530	VO	M00003812D:E08
1981	1034.D02.sp6:188542	VO	M00003813D:A06
1982	1034.E02.sp6:188554	VO	M00003815C:A06
1983	1034.F02.sp6:188566	VNO	
1984	1034.G02.sp6:188578	VNO	
1985	1034.H02.sp6:188590	VO	M00003818A:F09
1986	1034.A03.sp6:188507	VO	M00003818B:A01
1987	1034.B03.sp6:188519	VO	M00003818C:E09
1988	1034.C03.sp6:188531	VNO	
1989	1034.D03.sp6:188543	VO	M00003819C:E04
1990	1034.E03.sp6:188555	VO	M00003819D:G09
1991	1034.F03.sp6:188567	VO	M00003820A:H04
1992	1034.H03.sp6:188591	VO	M00003820D:E02
1993	1034.A04.sp6:188508	VO	M00003821C:E04
1994	1034.B04.sp6:188520	VO	M00003822A:G05

SEQ ID NO:	Sample Name	Overlap	Clone Name
1995	803.E12.sp6:164991	VNO	
1996	020.E2.sp6:128640	VO	M00004242C:C01
1997	019.F9.sp6:128467	VO	M00006720C:C11
1998	019.G10.sp6:128480	VO	M00007019A:B01
1999	1034.C04.sp6:188532	VNO	
2000	1034.D04.sp6:188544	VO	M00003825B:A05
2001	1034.E04.sp6:188556	VNO	
2002	1034.F04.sp6:188568	VO	M00003825C:B02
2003	1034.G04.sp6:188580	VO	M00003825C:B12
2004	1034.B05.sp6:188521	VO	M00003829A:E02
2005	1034.D05.sp6:188545	VO	M00003832B:G03
2006	1034.E05.sp6:188557	VO	M00003833B:A11
2007	1034.G05.sp6:188581	VO	M00003834A:A03
2008	1034.A06.sp6:188510	VO	M00003835D:H05
2009	1034.B06.sp6:188522	VO	M00003837C:F05
2010	1034.C06.sp6:188534	VNO	
2011	1034.E06.sp6:188558	VO	M00003841A:E09
2012	1034.F06.sp6:188570	VO	M00003841B:D05
2013	1034.H06.sp6:188594	VO	M00003844C:D04
2014	1034.A07.sp6:188511	VO	M00003844C:H05
2015	1034.B07.sp6:188523	VO	M00003845A:A05
2016	1034.C07.sp6:188535	VO	M00003846B:H02
2017	1034.D07.sp6:188547	VO	M00003846D:C12
2018	1034.E07.sp6:188559	VO	M00003850B:D11
2019	1034.G07.sp6:188583	VNO	
2020	1034.B08.sp6:188524	VO	M00003860B:A07
2021	803.D1.sp6:164968	VO	M00003862C:H10
2022	803.E1.sp6:164980	VO	M00003864B:A04
2023	803.F1.sp6:164992	VNO	
2024	803.G1.sp6:165004	VO	M00003864D:G05
2025	1034.C08.sp6:188536	VNO	
2026	1034.D08.sp6:188548	VO	M00003868D:F02
2027	1034.F08.sp6:188572	VO	M00003871A:E09
2028	1034.G08.sp6:188584	VNO	
2029	1034.H08.sp6:188596	VNO	
2030	1034.A09.sp6:188513	VNO	
2031	1034.B09.sp6:188525	VO	M00003884D:A12
2032	1034.C09.sp6:188537	VNO	
2033	1034.D09.sp6:188549	VO	M00003887B:C03
2034	1034.E09.sp6:188561	VO	M00003888B:A10
2035	1034.F09.sp6:188573	VO	M00003888C:E01
2036	1034.G09.sp6:188585	VO	M00003890B:H07
2037	1034.H09.sp6:188597	VO	M00003890D:C03



SEQ ID NO:	Sample Name	Overlap	Clone Name
2038	1034.A10.sp6:188514	VO	M00003892D:D04
2039	1034.B10.sp6:188526	VO	M00003893C:D12
2040	1034.D10.sp6:188550	VO	M00003896B:F08
2041	1034.E10.sp6:188562	VO	M00003896D:B01
2042	1034.F10.sp6:188574	VNO	
2043	1034.G10.sp6:188586	VO	M00003903C:H03
2044	1034.H10.sp6:188598	VO	M00003905C:B01
2045	1034.A11.sp6:188515	VO	M00003905C:E10
2046	1034.C11.sp6:188539	VO	M00003909D:G01
2047	1034.D11.sp6:188551	VO	M00003911C:G05
2048	1034.E11.sp6:188563	VO	M00003912B:G11
2049	1034.F11.sp6:188575	VO	M00003912C:C11
2050	1034.H11.sp6:188599	VO	M00003914C:E03
2051	1034.A12.sp6:188516	VO	M00003915A:D09
2052	1034.B12.sp6:188528	VNO	
2053	1034.C12.sp6:188540	VO	M00003915C:G01
2054	1034.E12.sp6:188564	VO	M00003920B:A10
2055	1034.F12.sp6:188576	VNO	
2056	1034.G12.sp6:188588	VO	M00003921D:C06
2057	1034.H12.sp6:188600	VO	M00003923A:H07
2058	1035.A01.sp6:188697	VNO	
2059	1035.B01.sp6:188709	VNO	
2060	1035.C01.sp6:188721	VO	M00003936C:F10
2061	1035.E01.sp6:188745	VO	M00003948B:B03
2062	1035.F01.sp6:188757	VO	M00003949B:A08
2063	1035.G01.sp6:188769	VO	M00003949B:D05
2064	1035.A02.sp6:188698	VO	M00003961B:A12
2065	1035.B02.sp6:188710	VO	M00003961C:G02
2066	1035.C02.sp6:188722	VO	M00003962B:B09
2067	1035.D02.sp6:188734	VO	M00003963B:D12
2068	1035.E02.sp6:188746	VO	M00003965A:F07
2069	1035.F02.sp6:188758	VNO	
2070	1035.H02.sp6:188782	VNO	
2071	1035.A03.sp6:188699	VO	M00003973A:C05
2072	1035.B03.sp6:188711	VO	M00003973B:H06
2073	1035.C03.sp6:188723	VO	M00003974B:A04
2074	1035.D03.sp6:188735	VNO	
2075	1035.E03.sp6:188747	VNO	
2076	1035.F03.sp6:188759	VNO	
2077	1035.G03.sp6:188771	VO	M00003976D:D12
2078	1035.H03.sp6:188783	VO	M00003977C:A08
2079	1035.A04.sp6:188700	VO	M00003980B:F12
2080	1035.B04.sp6:188712	VO	M00003980C:A11

SEQ ID NO:	Sample Name	Overlap	Clone Name
2081	1035.C04.sp6:188724	VO	M00003980C:G10
2082	1035.D04.sp6:188736	VO	M00003981C:E04
2083	1035.H04.sp6:188784	VO	M00003983C:E07
2084	1035.C05.sp6:188725	VNO	
2085	1035.D05.sp6:188737	VO	M00003987D:F06
2086	1035.E05.sp6:188749	VO	M00003988B:C10
2087	1035.G05.sp6:188773	VNO	
2088	803.A2.sp6:164933	VO	M00003992C:G01
2089	803.B2.sp6:164945	VO	M00003992D:G01
2090	803.C2.sp6:164957	VNO	
2091	803.D2.sp6:164969	VO	M00003994C:C11
2092	803.E2.sp6:164981	VO	M00003996D:C04
2093	803.G2.sp6:165005	VO	M00003997D:D07
2094	803.H2.sp6:165017	VNO	
2095	803.A3.sp6:164934	VO	M00003998A:D03
2096	803.B3.sp6:164946	VO	M00003998A:G12
2097	803.C3.sp6:164958	VO	M00003998C:H10
2098	803.D3.sp6:164970	VO	M00003999C:C12
2099	1035.H05.sp6:188785	VO	M00004027A:B10
2100	1035.A06.sp6:188702	VO	M00004027C:H01
2101	1035.B06.sp6:188714	VO	M00004028C:B04
2102	1035.D06.sp6:188738	VO	M00004029A:E01
2103	1035.F06.sp6:188762	VNO	
2104	1035.H06.sp6:188786	VO	M00004030B:B02
2105	1035.C07.sp6:188727	VO	M00004031A:G05
2106	1035.E07.sp6:188751	VO	M00004032D:D03
2107	1035.F07.sp6:188763	VNO	
2108	1035.G07.sp6:188775	VNO	
2109	1035.A08.sp6:188704	VNO	
2110	1035.C08.sp6:188728	VO	M00004035B:H11
2111	1035.E08.sp6:188752	VO	M00004035D:E04
2112	1035.F08.sp6:188764	VO	M00004036B:F09
2113	1035.H08.sp6:188788	VO	M00004037A:A07
2114	1035.C09.sp6:188729	VO	M00004037C:C05
2115	1035.E09.sp6:188753	VO	M00004037D:B05
2116	1035.F09.sp6:188765	VO	M00004038C:C05
2117	1035.H09.sp6:188789	VO	M00004039D:D03
2118	1035.A10.sp6:188706	VO	M00004040B:B09
2119	1035.B10.sp6:188718	VO	M00004040C:G12
2120	1035.C10.sp6:188730	VO	M00004040D:B05
2121	1035.D10.sp6:188742	VO	M00004041B:F01
2122	1035.E10.sp6:188754	VO	M00004041D:E06
2123	1035.F10.sp6:188766	VO	M00004043D:C10

SEQ ID NO:	Sample Name	Overlap	Clone Name
2124	1035.G10.sp6:188778	VNO	
2125	803.E3.sp6:164982	VO	M00004045A:B12
2126	803.F3.sp6:164994	VO	M00004046A:F04
2127	803.G3.sp6:165006	VNO	
2128	803.H3.sp6:165018	VNO	
2129	803.A4.sp6:164935	VNO	
2130	803.B4.sp6:164947	VNO	
2131	803.D4.sp6:164971	VNO	
2132	803.E4.sp6:164983	VO	M00004052C:A08
2133	803.G4.sp6:165007	VO	M00004054B:G02
2134	803.H4.sp6:165019	VO	M00004054D:A03
2135	803.B5.sp6:164948	VO	M00004055B:F06
2136	803.C5.sp6:164960	VO	M00004058B:C11
2137	803.E5.sp6:164984	VO	M00004058C:E08
2138	803.F5.sp6:164996	VO	M00004059A:G09
2139	803.G5.sp6:165008	VO	M00004060C:A02
2140	803.H5.sp6:165020	VNO	
2141	803.A6.sp6:164937	VO	M00004060D:A07
2142	803.B6.sp6:164949	VO	M00004063C:B11
2143	803.E6.sp6:164985	VNO	
2144	1035.H10.sp6:188790	VO	M00004068A:F02
2145	1035.A11.sp6:188707	VO	M00004068B:D04
2146	1035.B11.sp6:188719	VNO	
2147	1035.C11.sp6:188731	VO	M00004069B:B01
2148	1035.D11.sp6:188743	VO	M00004069D:G02
2149	1035.E11.sp6:188755	VO	M00004071A:H03
2150	1035.F11.sp6:188767	VO	M00004073D:B11
2151	1035.G11.sp6:188779	VNO	
2152	1035.H11.sp6:188791	VNO	
2153	1035.B12.sp6:188720	VNO	
2154	1035.D12.sp6:188744	VNO	
2155	1035.E12.sp6:188756	VNO	
2156	1035.F12.sp6:188768	VO	M00004078C:A08
2157	1035.H12.sp6:188792	VO	M00004081C:A01
2158	1036.A01.sp6:188889	VO	M00004084A:D11
2159	1036.B01.sp6:188901	VO	M00004084C:G04
2160	1036.C01.sp6:188913	VO	M00004085B:G06
2161	1036.D01.sp6:188925	VO	M00004086A:A03
2162	1036.E01.sp6:188937	VO	M00004086D:A07
2163	1036.F01.sp6:188949	VO	M00004087C:F05
2164	1036.G01.sp6:188961	VO	M00004088A:F12
2165	1036.A02.sp6:188890	VO	M00004089A:G03
2166	1036.B02.sp6:188902	VO	M00004091A:E01

SEQ ID NO:	Sample Name	Overlap	Clone Name
2167	1036.C02.sp6:188914	VO	M00004091B:C12
2168	1036.E02.sp6:188938	VO	M00004091C:F04
2169	1036.F02.sp6:188950	VO	M00004091D:D09
2170	1036.G02.sp6:188962	VO	M00004092A:C03
2171	1036.H02.sp6:188974	VO	M00004092A:D04
2172	1036.A03.sp6:188891	VO	M00004093A:F03
2173	1036.B03.sp6:188903	VO	M00004093D:D09
2174	1036.C03.sp6:188915	VNO	
2175	1036.D03.sp6:188927	VO	M00004101D:A03
2176	1036.E03.sp6:188939	VO	M00004102B:B04
2177	1036.F03.sp6:188951	VO	M00004102C:F07
2178	1036.H03.sp6:188975	VNO	
2179	1036.A04.sp6:188892	VNO	
2180	1036.B04.sp6:188904	VNO	
2181	1036.C04.sp6:188916	VNO	
2182	1036.D04.sp6:188928	VO	M00004107C:A01
2183	1036.E04.sp6:188940	VNO	
2184	1036.G04.sp6:188964	VO	M00004114C:F02
2185	1036.C05.sp6:188917	VO	M00004117B:F01
2186	1036.D05.sp6:188929	VO	M00004120A:C02
2187	1036.E05.sp6:188941	VO	M00004126B:G02
2188	1036.F05.sp6:188953	VNO	
2189	1036.G05.sp6:188965	VO	M00004129A:H08
2190	1036.H05.sp6:188977	VO	M00004130C:A09
2191	1036.A06.sp6:188894	VO	M00004130D:E04
2192	1036.C06.sp6:188918	VO	M00004133D:A01
2193	803.F6.sp6:164997	VNO	
2194	803.G6.sp6:165009	VNO	
2195	803.H6.sp6:165021	VNO	
2196	803.B7.sp6:164950	VO	M00004143A:G12
2197	803.C7.sp6:164962	VO	M00004143A:H07
2198	803.D7.sp6:164974	VNO	
2199	803.E7.sp6:164986	VNO	
2200	803.F7.sp6:164998	VO	M00004145C:A03
2201	803.G7.sp6:165010	VO	M00004146D:A07
2202	803.H7.sp6:165022	VO	M00004147A:G03
2203	803.A8.sp6:164939	VO	M00004149B:H12
2204	803.B8.sp6:164951	VNO	
2205	803.C8.sp6:164963	VO	M00004153D:E06
2206	803.D8.sp6:164975	VO	M00004154D:F11
2207	803.G8.sp6:165011	VNO	
2208	803.H8.sp6:165023	VNO	
2209	803.B9.sp6:164952	VNO	

SEQ ID NO.:	Sample Name	Overlap	Clone Name
2210	803.C9.sp6:164964	VNO	
2211	803.D9.sp6:164976	VNO	
2212	803.E9.sp6:164988	VNO	
2213	803.F9.sp6:165000	VNO	
2214	803.G9.sp6:165012	VO	M00004166B:E10
2215	803.H9.sp6:165024	VO	M00004166C:A03
2216	803.A10.sp6:164941	VO	M00004166D:G07
2217	803.B10.sp6:164953	VNO	
2218	803.C10.sp6:164965	VNO	
2219	1036.E06.sp6:188942	VO	M00004180B:F04
2220	1036.G06.sp6:188966	VNO	
2221	803.D10.sp6:164977	VNO	
2222	1036.A07.sp6:188895	VNO	
2223	1036.B07.sp6:188907	VNO	
2224	1036.C07.sp6:188919	VNO	
2225	1036.D07.sp6:188931	VO	M00004188A:E10
2226	1036.F07.sp6:188955	VNO	
2227	1036.G07.sp6:188967	VO	M00004190C:G07
2228	1036.H07.sp6:188979	VO	M00004190D:A10
2229	1036.A08.sp6:188896	VNO	
2230	1036.B08.sp6:188908	VO	M00004191B:G01
2231	1036.C08.sp6:188920	VO	M00004193A:C07
2232	1036.D08.sp6:188932	VO	M00004193C:H01
2233	803.E10.sp6:164989	VO	M00004196C:G05
2234	1036.E08.sp6:188944	VO	M00004198D:H04
2235	1036.F08.sp6:188956	VO	M00004199D:C02
2236	1036.G08.sp6:188968	VO	M00004200A:A09
2237	1036.H08.sp6:188980	VO	M00004200A:G06
2238	803.F10.sp6:165001	VNO	
2239	1036.A09.sp6:188897	VO	M00004200D:A07
2240	1036.B09.sp6:188909	VO	M00004201D:C11
2241	1036.C09.sp6:188921	VO	M00004201D:E12
2242	1036.E09.sp6:188945	VNO	
2243	1036.G09.sp6:188969	VO	M00004204A:D04
2244	1036.H09.sp6:188981	VO	M00004204A:D10
2245	1036.A10.sp6:188898	VO	M00004204B:A04
2246	1036.B10.sp6:188910	VNO	
2247	1036.C10.sp6:188922	VO	M00004210A:B09
2248	1036.D10.sp6:188934	VO	M00004213A:H12
2249	1036.E10.sp6:188946	VO	M00004214A:D03
2250	1036.F10.sp6:188958	VO	M00004216D:E10
2251	1036.G10.sp6:188970	VO	M00004217A:A05
2252	1036.H10.sp6:188982	VO	M00004217A:A11

SEQ ID NO:	Sample Name	Overlap	Clone Name
2253	1036.A11.sp6:188899	VO	M00004217D:G10
2254	1036.B11.sp6:188911	VO	M00004218C:G10
2255	1036.C11.sp6:188923	VNO	
2256	803.G10.sp6:165013	VNO	
2257	803.A11.sp6:164942	VNO	
2258	803.B11.sp6:164954	VNO	
2259	803.C11.sp6:164966	VNO	
2260	803.D11.sp6:164978	VO	M00004234B:E03
2261	803.E11.sp6:164990	VO	M00004234B:G06
2262	803.G11.sp6:165014	VO	M00004236D:F04
2263	803.A12.sp6:164943	VNO	
2264	803.B12.sp6:164955	VO	M00004240D:A07
2265	803.D12.sp6:164979	VNO	
2266	803.F12.sp6:165003	VO	M00004242C:C02
2267	803.G12.sp6:165015	VNO	
2268	803.H12.sp6:165027	VO	M00004244B:A02
2269	804.A1.sp6:165124	VNO	
2270	983.A01.sp6:186169	VO	M00004245A:G09
2271	983.B01.sp6:186179	VO	M00004245C:A03
2272	804.C1.sp6:165148	VNO	
2273	983.C01.sp6:186189	VO	M00004247A:E01
2274	983.E01.sp6:186208	VO	M00004248A:G08
2275	804.E1.sp6:165172	VNO	
2276	1036.E11.sp6:188947	VNO	
2277	1036.F11.sp6:188959	VO	M00004252D:A07
2278	1036.G11.sp6:188971	VO	M00004252D:H08
2279	1036.H11.sp6:188983	VO	M00004253B:A10
2280	1036.A12.sp6:188900	VO	M00004253B:F06
2281	1036.B12.sp6:188912	VO	M00004253C:E10
2282	1036.C12.sp6:188924	VO	M00004253D:F09
2283	1036.D12.sp6:188936	VO	M00004257C:A08
2284	1036.E12.sp6:188948	VO	M00004260A:B07
2285	1036.F12.sp6:188960	VO	M00004260C:A12
2286	1036.G12.sp6:188972	VO	M00004260C:E10
2287	1036.H12.sp6:188984	VO	M00004262C:C01
2288	804.F1.sp6:165184	VNO	
2289	983.F01.sp6:186217	VO	M00004263D:F06
2290	983.G01.sp6:186226	VNO	
2291	983.H01.sp6:186235	VO	M00004266B:H06
2292	804.H1.sp6:165208	VNO	
2293	983.A02.sp6:186170	VO	M00004268C:F08
2294	983.B02.sp6:186180	VO	M00004268D:G07
2295	804.B2.sp6:165137	VNO	

SEQ ID NO:	Sample Name	Overlap	Clone Name
2296	983.C02.sp6:186190	VO	M00004269A:B11
2297	804.D2.sp6:165161	VNO	
2298	983.D02.sp6:186200	VO	M00004269D:E08
2299	983.E02.sp6:186209	VO	M00004272D:D02
2300	804.E2.sp6:165173	VNO	
2301	804.F2.sp6:165185	VNO	
2302	983.F02.sp6:186218	VO	M00004273D:E11
2303	804.G2.sp6:165197	VNO	
2304	983.G02.sp6:186227	VO	M00004276C:E12
2305	804.H2.sp6:165209	VNO	
2306	983.H02.sp6:186236	VNO	
2307	983.A03.sp6:186171	VO	M00004277C:H11
2308	804.A3.sp6:165126	VNO	
2309	804.C3.sp6:165150	VNO	
2310	983.C03.sp6:186191	VO	M00004279D:E02
2311	983.D03.sp6:186201	VNO	
2312	804.D3.sp6:165162	VNO	
2313	983.E03.sp6:186210	VO	M00004281B:B05
2314	804.E3.sp6:165174	VNO	
2315	804.F3.sp6:165186	VNO	
2316	983.F03.sp6:186219	VO	M00004283C:D03
2317	983.G03.sp6:186228	VNO	
2318	804.G3.sp6:165198	VNO	
2319	804.H3.sp6:165210	VNO	
2320	983.H03.sp6:186237	VO	M00004285B:E01
2321	804.A4.sp6:165127	VNO	
2322	983.A04.sp6:186172	VNO	
2323	804.B4.sp6:165139	VNO	
2324	983.B04.sp6:186182	VNO	
2325	804.C4.sp6:165151	VNO	
2326	983.C04.sp6:186192	VNO	
2327	983.D04.sp6:186202	VO	M00004297D:E08
2328	804.D4.sp6:165163	VNO	
2329	804.E4.sp6:165175	VNO	
2330	983.E04.sp6:186211	VO	M00004298B:D04
2331	804.F4.sp6:165187	VNO	
2332	983.F04.sp6:186220	VO	M00004308A:E06
2333	804.G4.sp6:165199	VNO	
2334	983.G04.sp6:186229	VO	M00004324B:D09
2335	983.H04.sp6:186238	VO	M00004328A:H06
2336	804.H4.sp6:165211	VNO	
2337	804.A5.sp6:165128	VNO	
2338	983.A05.sp6:186173	VO	M00004329C:F11

SEQ ID NO:	Sample Name	Overlap	Clone Name
2339	804.B5.sp6:165140	VNO	
2340	983.B05.sp6:186183	VO	M00004331D:H08
2341	983.C05.sp6:186193	VNO	
2342	804.C5.sp6:165152	VNO	
2343	983.D05.sp6:186203	VO	M00004332B:E11
2344	804.D5.sp6:165164	VNO	
2345	983.E05.sp6:186212	VO	M00004332C:E09
2346	804.E5.sp6:165176	VNO	
2347	983.H05.sp6:186239	VNO	
2348	804.H5.sp6:165212	VNO	
2349	804.B6.sp6:165141	VNO	
2350	983.B06.sp6:186184	VO	M00004383A:F02
2351	983.C06.sp6:186194	VO	M00004385C:B11
2352	804.C6.sp6:165153	VNO	
2353	983.D06.sp6:186204	VO	M00004388C:D05
2354	804.D6.sp6:165165	VNO	
2355	804.E6.sp6:165177	VNO	
2356	983.E06.sp6:186213	VO	M00004389C:E01
2357	983.F06.sp6:186222	VNO	
2358	804.F6.sp6:165189	VNO	
2359	983.G06.sp6:186231	VO	M00004406A:H03
2360	804.G6.sp6:165201	VNO	
2361	983.H06.sp6:186240	VNO	
2362	804.H6.sp6:165213	VNO	
2363	804.A7.sp6:165130	VO	M00004408D:A10
2364	983.A07.sp6:186175	VO	M00004408D:A10
2365	983.B07.sp6:186185	VO	M00004410A:E03
2366	983.C07.sp6:186195	VO	M00004412B:E03
2367	983.D07.sp6:186205	VO	M00004419D:G01
2368	804.E7.sp6:165178	VNO	
2369	983.E07.sp6:186214	VO	M00004421A:G04
2370	804.G7.sp6:165202	VNO	
2371	983.G07.sp6:186232	VO	M00004447D:D10
2372	804.H7.sp6:165214	VNO	
2373	983.H07.sp6:186241	VO	M00004449D:H01
2374	983.A08.sp6:186176	VO	M00004460B:H09
2375	804.A8.sp6:165131	VNO	
2376	804.B8.sp6:165143	VNO	
2377	983.B08.sp6:186186	VNO	
2378	983.C08.sp6:186196	VO	M00004465C:B10
2379	804.C8.sp6:165155	VNO	
2380	983.D08.sp6:186206	VO	M00004465C:B12
2381	804.D8.sp6:165167	VNO	



SEQ ID NO:	Sample Name	Overlap	Clone Name
2382	983.E08.sp6:186215	VNO	
2383	804.E8.sp6:165179	VNO	
2384	983.F08.sp6:186224	VO	M00004467A:F09
2385	804.F8.sp6:165191	VNO	
2386	804.G8.sp6:165203	VNO	
2387	983.G08.sp6:186233	VO	M00004467D:F09
2388	804.H8.sp6:165215	VNO	
2389	983.H08.sp6:186242	VO	M00004469A:C12
2390	804.A9.sp6:165132	VNO	
2391	983.A09.sp6:186177	VNO	
2392	983.B09.sp6:186187	VO	M00004491D:D07
2393	804.B9.sp6:165144	VNO	
2394	804.C9.sp6:165156	VNO	
2395	983.C09.sp6:186197	VO	M00004497C:E09
2396	983.D09.sp6:186207	VO	M00004498B:E01
2397	804.D9.sp6:165168	VNO	
2398	804.E9.sp6:165180	VNO	
2399	983.E09.sp6:186216	VO	M00004501A:G06
2400	983.F09.sp6:186225	VO	M00004506C:H10
2401	804.G9.sp6:165204	VNO	
2402	983.G09.sp6:186234	VO	M00004508A:G12
2403	804.H9.sp6:165216	VNO	
2404	983.H09.sp6:186243	VO	M00004508B:G02
2405	804.A10.sp6:165133	VNO	
2406	983.A10.sp6:186178	VO	M00004509A:H02
2407	983.B10.sp6:186188	VNO	
2408	804.B10.sp6:165145	VNO	
2409	983.C10.sp6:186198	VO	M00004609C:C11
2410	992.B01.sp6:186331	VO	M00005294D:H02
2411	992.C01.sp6:186343	VO	M00005326B:F03
2412	992.G01.sp6:186391	VO	M00005342A:C04
2413	992.H01.sp6:186403	VO	M00005342A:D04
2414	992.A02.sp6:186320	VO	M00005342B:G10
2415	992.B02.sp6:186332	VO	M00005342D:F03
2416	992.C02.sp6:186344	VO	M00005349B:G01
2417	992.D02.sp6:186356	VO	M00005352B:D02
2418	992.H02.sp6:186404	VO	M00005354C:E02
2419	992.A03.sp6:186321	VO	M00005356A:D09
2420	992.C03.sp6:186345	VO	M00005359D:G07
2421	992.E03.sp6:186369	VO	M00005377A:A04
2422	992.H03.sp6:186405	VO	M00005378A:A08
2423	992.B04.sp6:186334	VO	M00005383D:D06
2424	992.C04.sp6:186346	VO	M00005383D:E07

SEQ ID NO:	Sample Name	Overlap	Clone Name
2425	992.E04.sp6:186370	VNO	
2426	992.F04.sp6:186382	VO	M00005385C:G05
2427	992.G04.sp6:186394	VNO	
2428	992.A05.sp6:186323	VO	M00005388D:F09
2429	992.D05.sp6:186359	VO	M00005393A:E11
2430	992.E05.sp6:186371	VO	M00005394A:G07
2431	992.G05.sp6:186395	VO	M00005397C:B03
2432	992.D06.sp6:186360	VNO	
2433	992.G06.sp6:186396	VO	M00005409D:C02
2434	992.C07.sp6:186349	VO	M00005415C:G08
2435	992.E07.sp6:186373	VO	M00005417A:E10
2436	992.F07.sp6:186385	VNO	
2437	992.A08.sp6:186326	VO	M00005442D:C05
2438	992.B08.sp6:186338	VNO	
2439	992.C08.sp6:186350	VO	M00005444B:E11
2440	992.E08.sp6:186374	VO	M00005446C:D12
2441	992.F08.sp6:186386	VNO	
2442	992.G08.sp6:186398	VNO	
2443	992.H08.sp6:186410	VNO	
2444	992.D09.sp6:186363	VNO	
2445	992.F09.sp6:186387	VO	M00005454C:H12
2446	992.E10.sp6:186376	VO	M00005462C:B02
2447	992.H10.sp6:186412	VO	M00005468A:D08
2448	953.H09.sp6:185217	VO	M00005468A:D08
2449	992.C11.sp6:186353	VO	M00005469D:C11
2450	992.D12.sp6:186366	VO	M00005483D:A12
2451	992.E12.sp6:186378	VO	M00005484A:D09
2452	992.H12.sp6:186414	VNO	
2453	993.A01.sp6:186511	VNO	
2454	993.B01.sp6:186523	VO	M00005491B:C03
2455	993.C01.sp6:186535	VO	M00005493B:A12
2456	993.D01.sp6:186547	VO	M00005493B:C08
2457	993.E01.sp6:186559	VO	M00005493B:E01
2458	993.F01.sp6:186571	VO	M00005494D:F11
2459	993.G01.sp6:186583	VO	M00005496C:A01
2460	993.H01.sp6:186595	VO	M00005496D:A10
2461	993.A02.sp6:186512	VO	M00005497B:H07
2462	993.B02.sp6:186524	VO	M00005497C:C07
2463	993.C02.sp6:186536	VNO	
2464	993.D02.sp6:186548	VO	M00005497C:C12
2465	993.E02.sp6:186560	VO	M00005497C:E03
2466	993.F02.sp6:186572	VO	M00005498B:F08
2467	993.G02.sp6:186584	VO	M00005498C:G05

SEQ ID NO:	Sample Name	Overlap	Clone Name
2468	993.H02.sp6:186596	VO	M00005505A:C08
2469	993.A03.sp6:186513	VO	M00005508A:H01
2470	993.B03.sp6:186525	VO	M00005508B:B04
2471	993.F03.sp6:186573	VO	M00005528D:A10
2472	993.H03.sp6:186597	VO	M00005530B:D03
2473	993.B04.sp6:186526	VO	M00005534A:G06
2474	993.C04.sp6:186538	VO	M00005534B:H10
2475	993.D04.sp6:186550	VO	M00005539D:G07
2476	993.E04.sp6:186562	VO	M00005548B:E03
2477	993.F04.sp6:186574	VO	M00005550B:D09
2478	993.G04.sp6:186586	VO	M00005565C:A08
2479	993.H04.sp6:186598	VO	M00005571A:E11
2480	993.A05.sp6:186515	VO	M00005589C:B03
2481	993.C05.sp6:186539	VNO	
2482	993.D05.sp6:186551	VO	M00005620C:C05
2483	993.E05.sp6:186563	VO	M00005621A:G10
2484	993.F05.sp6:186575	VO	M00005621D:F01
2485	993.G05.sp6:186587	VNO	
2486	993.H05.sp6:186599	VO	M00005626A:B11
2487	993.A06.sp6:186516	VO	M00005631A:A11
2488	993.B06.sp6:186528	VO	M00005632C:D06
2489	993.D06.sp6:186552	VNO	
2490	993.E06.sp6:186564	VO	M00005636C:D11
2491	993.F06.sp6:186576	VO	M00005637B:D12
2492	993.G06.sp6:186588	VNO	
2493	993.H06.sp6:186600	VNO	
2494	993.A07.sp6:186517	VO	M00005642B:C03
2495	993.B07.sp6:186529	VO	M00005645D:F08
2496	993.C07.sp6:186541	VNO	
2497	993.D07.sp6:186553	VNO	
2498	993.E07.sp6:186565	VO	M00005647D:D09
2499	993.F07.sp6:186577	VO	M00005655B:C02
2500	993.G07.sp6:186589	VNO	
2501	993.H07.sp6:186601	VO	M00005703A:C08
2502	993.A08.sp6:186518	VNO	
2503	993.D08.sp6:186554	VO	M00005710A:C08
2504	993.E08.sp6:186566	VO	M00005720A:D03
2505	993.F08.sp6:186578	VO	M00005720B:D09
2506	993.G08.sp6:186590	VNO	
2507	993.H08.sp6:186602	VO	M00005722D:G03
2508	993.A09.sp6:186519	VO	M00005743B:F02
2509	993.B09.sp6:186531	VO	M00005762D:A01
2510	993.C09.sp6:186543	VO	M00005763B:H09

SEQ ID NO:	Sample Name	Overlap	Clone Name
2511	993.F09.sp6:186579	VO	M00005783A:C05
2512	993.G09.sp6:186591	VO	M00005810C:D04
2513	993.H09.sp6:186603	VO	M00005812C:F10
2514	993.A10.sp6:186520	VO	M00005813D:F06
2515	993.C10.sp6:186544	VO	M00005818C:E08
2516	993.D10.sp6:186556	VO	M00005818C:G01
2517	993.E10.sp6:186568	VO	M00006576D:F11
2518	993.G10.sp6:186592	VO	M00006581C:D02
2519	993.H10.sp6:186604	VO	M00006581D:H08
2520	993.A11.sp6:186521	VNO	
2521	993.B11.sp6:186533	VO	M00006582D:E05
2522	993.E11.sp6:186569	VO	M00006594A:E08
2523	993.F11.sp6:186581	VO	M00006594D:F09
2524	993.H11.sp6:186605	VO	M00006596D:H04
2525	993.A12.sp6:186522	VO	M00006601C:A07
2526	993.B12.sp6:186534	VO	M00006601C:E06
2527	993.C12.sp6:186546	VO	M00006601D:F04
2528	993.D12.sp6:186558	VO	M00006604C:H10
2529	993.E12.sp6:186570	VO	M00006607B:E03
2530	993.F12.sp6:186582	VO	M00006607B:F04
2531	993.G12.sp6:186594	VO	M00006609A:G10
2532	1010.A01.sp6:189937	VO	M00022495C:G05
2533	1010.B01.sp6:189947	VO	M00022498C:C08
2534	1010.C01.sp6:189957	VO	M00022504B:E03
2535	1010.D01.sp6:189967	VO	M00022505D:A12
2536	1010.E01.sp6:189976	VO	M00022509D:F06
2537	1010.F01.sp6:189985	VNO	
2538	1010.G01.sp6:189994	VO	M00022515D:C04
2539	1010.H01.sp6:190003	VO	M00022527A:E05
2540	1010.A02.sp6:189938	VO	M00022527D:B03
2541	1010.B02.sp6:189948	VO	M00022531B:D07
2542	1010.C02.sp6:189958	VO	M00022535D:B11
2543	1010.D02.sp6:189968	VO	M00022535D:C04
2544	1010.E02.sp6:189977	VO	M00022536B:B04
2545	1010.G02.sp6:189995	VO	M00022551A:G03
2546	1010.H02.sp6:190004	VO	M00022556B:C04
2547	1010.A03.sp6:189939	VO	M00022556B:G02
2548	1010.B03.sp6:189949	VNO	
2549	1010.C03.sp6:189959	VO	M00022562C:H10
2550	1010.D03.sp6:189969	VNO	
2551	1010.E03.sp6:189978	VO	M00022578B:G05
2552	1010.F03.sp6:189987	VO	M00022578C:B07
2553	1010.G03.sp6:189996	VO	M00022578D:A08

SEQ ID NO:	Sample Name	Overlap	Clone Name
2554	1010.H03.sp6:190005	VO	M00022578D:F03
2555	1010.A04.sp6:189940	VNO	
2556	1010.B04.sp6:189950	VO	M00022583B:E05
2557	1010.C04.sp6:189960	VO	M00022587C:G04
2558	1010.D04.sp6:189970	VO	M00022594B:H12
2559	1010.E04.sp6:189979	VO	M00022597B:F11
2560	1010.F04.sp6:189988	VO	M00022598A:F11
2561	1010.G04.sp6:189997	VNO	
2562	1010.H04.sp6:190006	VO	M00022599D:E07
2563	1010.A05.sp6:189941	VO	M00022600C:A06
2564	1010.B05.sp6:189951	VO	M00022604B:C11
2565	1010.C05.sp6:189961	VO	M00022607B:A04
2566	1010.D05.sp6:189971	VO	M00022613D:C04
2567	1010.E05.sp6:189980	VO	M00022651D:C06
2568	1010.F05.sp6:189989	VNO	
2569	1010.G05.sp6:189998	VNO	
2570	1010.H05.sp6:190007	VO	M00022666B:E12
2571	1010.A06.sp6:189942	VO	M00022666C:H11
2572	1010.B06.sp6:189952	VNO	
2573	1010.C06.sp6:189962	VO	M00022681C:H02
2574	1010.D06.sp6:189972	VO	M00022682A:F12
2575	1010.E06.sp6:189981	VO	M00022685A:F11
2576	1010.F06.sp6:189990	VO	M00022698C:E06
2577	1010.G06.sp6:189999	VO	M00022701B:B12
2578	1010.H06.sp6:190008	VO	M00022708A:C08
2579	1010.A07.sp6:189943	VO	M00022708D:G10
2580	1010.B07.sp6:189953	VO	M00022716D:D08
2581	1010.C07.sp6:189963	VNO	
2582	1010.D07.sp6:189973	VO	M00022725C:B03
2583	1010.E07.sp6:189982	VO	M00022725C:E09
2584	1010.F07.sp6:189991	VO	M00022726A:A06
2585	1010.G07.sp6:190000	VNO	
2586	1010.H07.sp6:190009	VNO	
2587	1010.A08.sp6:189944	VO	M00022730A:E04
2588	1010.B08.sp6:189954	VNO	
2589	1010.C08.sp6:189964	VO	M00022735B:B01
2590	1010.D08.sp6:189974	VO	M00022737A:C08
2591	1010.E08.sp6:189983	VNO	
2592	1010.F08.sp6:189992	VO	M00022745B:G02
2593	1010.G08.sp6:190001	VO	M00022763A:E10
2594	1010.H08.sp6:190010	VO	M00022824C:H11
2595	1010.B09.sp6:189955	VO	M00022835C:E06
2596	1010.C09.sp6:189965	VO	M00022854D:H07

SEQ ID NO:	Sample Name	Overlap	Clone Name
2597	1010.D09.sp6:189975	VO	M00022856A:D02
2598	1010.E09.sp6:189984	VNO	
2599	1010.F09.sp6:189993	VO	M00022856B:F04
2600	1010.G09.sp6:190002	VO	M00022856C:B11
2601	1010.H09.sp6:190011	VO	M00022893C:H11
2602	1010.A10.sp6:189946	VO	M00022897A:F04
2603	1010.B10.sp6:189956	VO	M00022900D:E08
2604	1010.C10.sp6:189966	VO	M00022900D:G03
2605	019.C4.sp6:128426	VO	M00004190A:A09
2606	774.C8.sp6:162530	VO	M00004190A:A09
2607	1036.E07.sp6:188943	VO	M00004190A:A09
2608	019.E11.sp6:128457	VO	M00005817D:E12
2609	993.B10.sp6:186532	VO	M00005817D:E12
2610	019.G5.sp6:128475	VO	M00006927C:F12

Table 1C

SEQ ID NO:	Sequence Name	THC Accession No.
2611	RTA00000587F.p.24.1.Seq	THC226834
2612	RTA00000629F.l.02.1.Seq	THC210324
2613	RTA00000623F.n.17.1.Seq	THC208388
2614	RTA00000593F.i.08.2.Seq	H91190
2615	RTA00000622F.b.03.1.Seq	AA554045
2616	RTA00000618F.e.06.1.Seq	THC226692
2617	RTA00000592F.o.02.1.Seq	AA099789
2618	RTA00000618F.c.04.1.Seq	THC222808
2619	RTA00000590F.i.01.1.Seq	THC173163
2620	RTA00000606F.o.14.1.Seq	THC223717
2621	RTA00000626F.d.07.1.Seq	THC234888
2622	RTA00000587F.l.08.1.Seq	THC104384
2623	RTA00000586F.a.13.1.Seq	THC140691
2624	RTA00000617F.a.17.1.Seq	THC221850
2625	RTA00000615F.b.23.1.Seq	THC205191
2626	RTA00000632F.f.10.1.Seq	N39216
2627	RTA00000607F.o.13.2.Seq	THC233619
2628	RTA00000622F.c.12.1.Seq	THC118482
2629	RTA00000625F.b.07.1.Seq	THC223154
2630	RTA00000587F.j.01.1.Seq	H63018
2631	RTA00000608F.i.15.1.Seq	THC216448
2632	RTA00000592F.j.06.1.Seq	THC148215
2633	RTA00000589F.b.14.1.Seq	THC158020
2634	RTA00000633F.g.19.1.Seq	THC202541
2635	RTA00000620F.o.07.1.Seq	THC155200
2636	RTA00000586F.p.01.1.Seq	AA558590
2637	RTA00000630F.l.10.1.Seq	THC204748
2638	RTA00000626F.c.13.1.Seq	AA159259
2639	RTA00000591F.m.06.1.Seq	THC227858
2640	RTA00000630F.i.11.1.Seq	THC228806
2641	RTA00000621F.h.08.1.Seq	THC163604
2642	RTA00000589F.d.10.1.Seq	THC177076
2643	RTA00000597F.p.01.1.Seq	THC210746
2644	RTA00000619F.c.13.1.Seq	R57955
2645	RTA00000607F.c.07.2.Seq	THC208762
2646	RTA00000595F.b.02.1.Seq	THC233682
2647	RTA00000631F.h.04.1.Seq	THC223281
2648	RTA00000596F.p.18.1.Seq	THC197103
2649	RTA00000586F.o.13.1.Seq	THC222729
2650	RTA00000610F.p.17.1.Seq	EST19015
2651	RTA00000596F.c.05.1.Seq	EST72617

SEQ ID NO:	Sequence Name	THC Accession No.
2652	RTA00000632F.j.19.1.Seq	THC90741
2653	RTA00000607F.e.23.2.Seq	AA639216
2654	RTA00000628F.b.19.1.Seq	THC118075
2655	RTA00000609F.d.13.1.Seq	THC195579
2656	RTA00000621F.k.03.1.Seq	EST70278
2657	RTA00000592F.l.04.1.Seq	THC91941
2658	RTA00000592F.k.09.1.Seq	THC229803
2659	RTA00000622F.e.17.1.Seq	R57425
2660	RTA00000628F.g.13.1.Seq	THC176706
2661	RTA00000592F.k.23.1.Seq	THC232202
2662	RTA00000609F.m.04.2.Seq	AA507611
2663	RTA00000626F.b.04.1.Seq	EST69420
2664	RTA00000591F.m.01.1.Seq	H41850
2665	RTA00000608F.n.23.1.Seq	THC214886
2666	RTA00000583F.d.19.1.Seq	THC229251
2667	RTA00000621F.p.15.1.Seq	THC212450
2668	RTA00000583F.n.05.1.Seq	AA252468
2669	RTA00000597F.f.17.1.Seq	THC219322
2670	RTA00000606F.l.10.1.Seq	THC225232
2671	RTA00000618F.n.14.1.Seq	THC216591
2672	RTA00000612F.h.05.3.Seq	THC158250
2673	RTA00000619F.a.24.1.Seq	AA437370
2674	RTA00000617F.k.13.1.Seq	AA244445
2675	RTA00000623F.h.07.1.Seq	THC212330
2676	RTA00000620F.e.01.1.Seq	THC167493
2677	RTA00000620F.h.10.1.Seq	THC232456
2678	RTA00000589F.e.21.2.Seq	THC208239
2679	RTA00000626F.b.22.1.Seq	THC225644
2680	RTA00000620F.i.16.1.Seq	AA536090
2681	RTA00000613F.c.17.1.Seq	THC92470
2682	RTA00000621F.c.12.1.Seq	THC156244
2683	RTA00000618F.b.17.1.Seq	THC209838
2684	RTA00000585F.d.16.1.Seq	THC211870
2685	RTA00000592F.a.06.1.Seq	THC233200
2686	RTA00000583F.p.08.1.Seq	THC196844
2687	RTA00000622F.h.21.1.Seq	EST12698
2688	RTA00000591F.h.03.1.Seq	THC213771
2689	RTA00000620F.g.22.1.Seq	THC224063
2690	RTA00000588F.l.20.2.Seq	R84876
2691	RTA00000614F.a.20.1.Seq	R84876
2692	RTA00000611F.n.14.3.Seq	THC200742
2693	RTA00000619F.f.23.1.Seq	THC227573



SEQ ID NO:	Sequence Name	THC Accession No.
2694	RTA00000608F.g.24.1.Seq	T93977
2695	RTA00000595F.o.01.2.Seq	EST61392
2696	RTA00000608F.b.23.1.Seq	THC161665
2697	RTA00000606F.o.23.1.Seq	AA464645
2698	RTA00000588F.i.22.3.Seq	THC162216
2699	RTA00000610F.i.13.1.Seq	AA595068
2700	RTA00000608F.b.15.1.Seq	EST11866
2701	RTA00000597F.e.16.1.Seq	N88730
2702	RTA00000610F.h.13.1.Seq	THC195895
2703	RTA00000611F.h.21.2.Seq	EST46722
2704	RTA00000584F.b.06.1.Seq	EST02998
2705	RTA00000584F.b.06.2.Seq	EST02998
2706	RTA00000608F.j.05.1.Seq	EST60433
2707	RTA00000588F.b.03.1.Seq	THC164651

Table 2A: Nearest Neighbor (BlastN vs. Genbank)

SEQ ID	ACC'N	DESCRIP.	P VALUE
571	L17043	Homo sapiens pregnancy-specific beta-1-glycoprotein-11 gene.	1.00E-12
578	M18864	Rat bone protein I (BP-I) mRNA, partial cds.	7.00E-30
609	L13838	Human genomic sequence from chromosome 13. clone ch131ambdacDNA17-18.	4.00E-36
618	U09646	Human carnitine palmitoyltransferase II precursor	1.00E-34
627	U72621	Human LOT1 mRNA. complete cds	1.00E-43
629	M20910	Human 7S L gene. complete.	1.00E-35
636	Z48950	H.sapiens hH3.3B gene for histone H3.3	4.00E-36
639	X00247	Human translocated c-myc gene in Raji Burkitt lymphoma cells	3.00E-44
643	D80007	Human mRNA for KIAA0185 gene. partial cds	7.00E-52
646	U14967	Human ribosomal protein L21 mRNA. complete cds.	2.00E-42
649	M13934	Human ribosomal protein S14 gene. complete cds.	4.00E-45
652	NM_003902.1	Homo sapiens far upstream element binding protein (FUBP) mRNA > :: gb U05040 HSU05040 Human FUSE binding protein mRNA. complete cds.	1.00E-54
657	L41142	Homo sapiens signal transducer and activator of transcription (STAT5) mRNA. complete cds.	2.00E-62
665	Z12112	pWE15A cosmid vector DNA	2.00E-52
667	Z54386	H.sapiens CpG island DNA genomic MseI fragment. clone 10g3. forward read cpg10g3.ft1a	7.00E-48
668	X80333	M.musculus rab18 mRNA	2.00E-52
669	X52126	Human alternatively spliced c-myb mRNA	1.00E-64
671	L26247	Homo sapiens suil1s01 mRNA. complete cds.	3.00E-54
676	NM_001736.1	Homo sapiens complement component 5 receptor 1 C5a anaphylatoxin receptor mRNA. complete cds.	4.00E-56
677	Z50798	G.gallus mRNA for p52	4.00E-55
679	AB002368	Human mRNA for KIAA0370 gene. partial cds	2.00E-58
681	M26697	Human nucleolar protein (B23) mRNA. complete cds.	4.00E-48
683	D42087	Human mRNA for KIAA0118 gene. partial cds	4.00E-56
693	D50734	Rat mRNA of antizyme inhibitor. complete cds	2.00E-50
697	X02344	Homo sapiens beta 2 gene	1.00E-67
698	NM_001067.1	Homo sapiens topoisomerase (DNA) II alpha topoisomerase II (top2) mRNA. complete cds.	7.00E-63
701	U36309	Gallus gallus rhoGap protein mRNA. complete cds	3.00E-62
703	NM_002842.1	Homo sapiens protein tyrosine phosphatase, receptor type. H (PTPRH) mRNA > :: dbj D15049 HUMSAP1C Human mRNA for protein tyrosine phosphatase	2.00E-81
707	U47322	Cloning vector DNA. complete sequence.	1.00E-63

Table 2A: Nearest Neighbor (BlastN vs. Genbank)

SEQ ID	ACC'N	DESCRIP.	P VALUE
714	NM_001190.1	Homo sapiens branched chain aminotransferase 2, mitochondrial (BCAT2) mRNA > :: gb U68418 HSU68418 Human branched chain aminotransferase precursor (BCATm) mRNA, nuclear gene encoding mitochondrial protein, complete cds	4.00E-67
718	S62077	HP1Hs alpha=25 kda chromosomal autoantigen [human, mRNA, 876 nt]	5.00E-68
719	U34991	Human endogenous retrovirus clone c18.4, HERV-H/HERV-E hybrid multiply spliced protease/integrase mRNA, complete cds, and envelope protein mRNA, partial cds	2.00E-61
722	U18671	Human Stat2 gene, complete cds.	4.00E-77
723	L18964	Human protein kinase C iota isoform (PRKCI) mRNA, complete cds.	4.00E-68
724	D29956	Human mRNA for KIAA0055 gene, complete cds	6.00E-70
725	M77140	H.sapiens pro-galanin mRNA, 3' end.	2.00E-72
728	U51432	Homo sapiens nuclear protein Skip mRNA, complete cds	1.00E-75
729	M84334	Macacca mulatta hnRNP A1-gamma isoform mRNA, complete cds.	5.00E-50
730	NM_002592.1	Homo sapiens proliferating cell nuclear antigen (PCNA) mRNA > :: gb M15796 HUMCYL Human cyclin protein gene, complete cds.	1.00E-74
731	M88458	Human ELP-1 mRNA sequence.	4.00E-76
732	U44940	Mus musculus quaking type I (QKI) mRNA, complete cds	2.00E-69
733	D17577	Mouse mRNA for kinesin-like protein (Kif1b), complete cds	2.00E-71
734	U18920	Human chromosome 17q12-21 mRNA, clone pOV-3, partial cds.	2.00E-72
736	M21188	Human insulin-degrading enzyme (IDE) mRNA, complete cds.	7.00E-82
737	U49058	Rattus norvegicus CTD-binding SR-like protein rA4 mRNA, partial cds	1.00E-67
739	D10630	Mus musculus mRNA for zinc finger protein, complete cds, clone:CTfin51	4.00E-76
740	U29156	Mus musculus eps15R mRNA, complete cds.	3.00E-84
741	Y08135	M.musculus mRNA for ASM-like phosphodiesterase 3a	1.00E-86
742	U90567	Gallus gallus glutamine rich protein mRNA, partial cds	5.00E-58
743	U58280	Mus musculus second largest subunit of RNA polymerase I (RPA2) mRNA, complete cds	4.00E-77
744	S79539	Pat-12=Pat-12 product [mice, embryonic stem ES cells, mRNA, 2781 nt]	9.00E-84
745	D30666	Rat mRNA for brain acyl-CoA synthetase II, complete cds	2.00E-89
746	U29156	Mus musculus eps15R mRNA, complete cds.	2.00E-92

Table 2A: Nearest Neighbor (BlastN vs. Genbank)

SEQ ID	ACC'N	DESCRIP.	P VALUE
748	U36909	Bos taurus Rho-associated kinase mRNA. complete cds	e-104
749	L36315	Mus musculus (clone pMLZ-1) zinc finger protein	e-105
750	X80169	M.musculus mRNA for 200 kD protein	e-106
751	X83577	M.musculus mRNA for K-glypican	e-107
1060	Z95437	Human DNA sequence from cosmid A1 on chromosome 6 contains ESTs. HERV like retroviral sequence	8.00E-21
1112	X69907	H.sapiens gene for mitochondrial ATP synthase c subunit (P1 form)	6.00E-07
1125	M19390	Bovine interstitial retinol binding protein	8.00E-31
1156	U19247	Homo sapiens interferon-gamma receptor alpha chain gene. exon 7 and complete cds	7.00E-41
1170	U20239	Mus musculus fibrosin mRNA. partial cds	5.00E-38
1171	D26361	Human mRNA for KIAA0042 gene. complete cds	2.00E-41
1195	NM_000694.1	Homo sapiens aldehyde dehydrogenase 7 (ALDH7) mRNA > :: gb U10868 HSU10868 Human aldehyde dehydrogenase ALDH7 mRNA. complete cds.	1.00E-37
1196	U84404	Human E6-associated protein E6-AP/ubiquitin-protein ligase (UBE3A) mRNA. alternatively spliced. complete cds	1.00E-46
1203	U51714	Human GPI protein p137 mRNA, partial sequence. 3'-UTR.	9.00E-53
1204	U58884	Mus musculus SH3-containing protein SH3P7 mRNA, complete cds. similar to Human Drebrin	2.00E-49
1210	X79067	H.sapiens ERF-1 mRNA 3' end	2.00E-72
1212	U00946	Human clone A9A2BRB5 (CAC)n/(GTG)n repeat-containing mRNA	3.00E-54
1217	D11078	Homo sapiens RGH2 gene. retrovirus-like element	6.00E-49
1219	U05989	Rattus norvegicus clone par-4 induced by effectors of apoptosis mRNA. complete cds.	3.00E-64
1220	U13185	Cloning vector pbetagal-Enhancer. complete sequence.	3.00E-52
1222	D87443	Human mRNA for KIAA0254 gene. complete cds	8.00E-63
1225	U19867	Cloning vector pSPL3, exon splicing vector. complete sequence. HIV envelope protein gp160 and beta-lactamase, complete cds.	7.00E-72
1227	U04817	Human protein kinase PITSLRE alpha 2-3 mRNA, complete cds.	4.00E-57
1230	U03687	Photinus pyralis modified luciferase gene, complete cds, and pUC18 derived vector.	3.00E-62
1231	U27196	Gallus gallus zinc finger protein (Fzf-1) mRNA, complete cds.	1.00E-66
1235	X53586	Human mRNA for integrin alpha 6	2.00E-71
1236	J05016	Human (clone pA3) protein disulfide isomerase related protein (ERp72) mRNA, complete cds.	3.00E-67

Table 2A: Nearest Neighbor (BlastN vs. Genbank)

SEQ ID	ACC'N	DESCRIP.	P VALUE
1237	M86752	Human transformation-sensitive protein (IEF SSP 3521) mRNA, complete cds.	1.00E-66
1239	L19437	Human transaldolase mRNA containing transposable element, complete cds	5.00E-70
1241	X90857	H.sapiens mRNA for -14 gene. containing globin regulatory element	1.00E-74
1242	NM_003980.1	Homo sapiens microtubule associated protein 7 mRNA	9.00E-76
1245	U17901	Rattus norvegicus phospholipase A-2-activating protein (plap) mRNA. complete cds.	3.00E-75
1246	S80632	threonine, tyrosine phosphatase [human, brain. mRNA Partial. 1236 nt]	2.00E-69
1247	M76541	Human DNA-binding protein (NF-E1) mRNA. complete cds.	2.00E-80
1248	S55305	14-3-3 protein gamma subtype=putative protein kinase C regulatory protein [rats, brain. mRNA, 3410 nt] > :: dbj D17447 D17447 Rattus norvegicus mRNA for 14-3-3 protein gamma-subtype, complete cds	7.00E-93
1249	NM_002350.1	Homo sapiens v-src-1 Yamaguchi sarcoma viral related oncogene homolog (LYN) mRNA > :: gb M16038 HUMLYN Human lyn mRNA encoding a tyrosine kinase.	3.00E-86
1250	Y10725	M.musculus mRNA for protein kinase KIS	4.00E-68
1251	U89931	Cloning vector pTRE. complete sequence	3.00E-65
1252	Z46386	Bovine herpesvirus type 4 DNA for nonconserved region F (DN599 like strain)	3.00E-73
1253	L77599	Homo sapiens (clone SEL214) 17q YAC (303G8) RNA.	2.00E-69
1255	Y10746	H.sapiens mRNA for protein containing MBD 1	2.00E-79
1256	L77599	Homo sapiens (clone SEL214) 17q YAC (303G8) RNA.	2.00E-71
1257	Z57619	H.sapiens CpG island DNA genomic MseI fragment. clone 187a6. forward read cpg187a6.ft1b	7.00E-72
1258	U48807	Human MAP kinase phosphatase (MKP-2) mRNA. complete cds	3.00E-76
1260	M27444	Bos taurus (clone pTKD7) dopamine and cyclic AMP-regulated neuronal phosphoprotein (DARPP-32) mRNA, complete cds.	4.00E-76
1261	U37150	Bos taurus peptide methionine sulfoxide reductase (msrA) mRNA, complete cds	5.00E-78
1262	U02435	Cloning vector pSVbeta. complete sequence	1.00E-77
1263	U09662	Cloning vector pSEAP-Enhancer. complete sequence	4.00E-79
1264	M99566	sCos cloning vector SfiI containing bacteriophage promoters and flanking restriction sites in sCos vectors.	1.00E-79
1266	Z12112	pWE15A cosmid vector DNA	4.00E-80

Table 2A: Nearest Neighbor (BlastN vs. Genbank)

SEQ ID	ACC'N	DESCRIP.	P VALUE
1267	U55387	Cricetulus griseus SL15 mRNA, complete cds	2.00E-82
1269	L14684	Rattus norvegicus nuclear-encoded mitochondrial elongation factor G mRNA. complete cds.	2.00E-91
1270	U49057	Rattus norvegicus CTD-binding SR-like protein rA9 mRNA. complete cds	7.00E-93
1271	U57368	Mus musculus EGF repeat transmembrane protein mRNA. complete cds.	4.00E-97
1272	AF000938	Mus musculus RNA polymerase I largest subunit	8.00E-94
1274	X80169	M.musculus mRNA for 200 kD protein	e-102
1275	U09874	Mus musculus SKD3 mRNA. complete cds.	e-105
1276	D78020	Rat mRNA for NF1-A4. partial cds	e-108
1515	Z73360	Human DNA sequence from cosmid 92M18. BRCA2 gene region chromosome 13q12-13	9.00E-22
1522	X62078	H.sapiens mRNA for GM2 activator protein	7.00E-72
1523	X85750	H.sapiens mRNA for transcript associated with monocyte to macrophage differentiation	2.00E-50
1525	X03473	Human gene for histone H1(0)	1.00E-67
1535	X64411	R.norvegicus mRNA for 100 kDa protein	1.00E-54
1538	X13345	Human gene for plasminogen activator inhibitor 1	2.00E-59
1542	D86971	Human mRNA for KIAA0217 gene. partial cds	7.00E-83
1543	NM_001859.1	Homo sapiens solute carrier family 31 gb U83460 HSU83460 Human high-affinity copper uptake protein (hCTR1) mRNA. complete cds	7.00E-72
1544	X68194	H.sapiens h-Sp1 mRNA	5.00E-57
1545	AB002326	Human mRNA for KIAA0328 gene. partial cds	3.00E-74
1548	D31762	Human mRNA for KIAA0057 gene. complete cds	3.00E-85
1550	X58472	Mouse KIN17 mRNA for kin17 protein	2.00E-57
1551	U13185	Cloning vector pbetagal-Enhancer. complete sequence.	2.00E-79
1552	U55939	Expression vector pVP-Nco. complete sequence.	1.00E-76
1553	D87671	Rattus norvegicus mRNA for TIP120. complete cds	1.00E-87
1554	U25691	Mus musculus lymphocyte specific helicase mRNA. complete cds	4.00E-86
1555	U55939	Expression vector pVP-Nco. complete sequence.	5.00E-79
1556	Z12112	pWE15A cosmid vector DNA	2.00E-79
1557	U13185	Cloning vector pbetagal-Enhancer. complete sequence.	2.00E-79
1558	U13185	Cloning vector pbetagal-Enhancer. complete sequence.	6.00E-80
1559	Z12112	pWE15A cosmid vector DNA	6.00E-80
1560	U09661	Cloning vector pSEAP-Control. complete sequence	6.00E-80
1561	U36909	Bos taurus Rho-associated kinase mRNA. complete cds	2.00E-90
1562	L36610	Mus musculus protein synthesis initiation factor 4A (eIF-4A) gene. exons 5, 6, 7, 8, and 9.	2.00E-71

Table 2A: Nearest Neighbor (BlastN vs. Genbank)

SEQ ID	ACC'N	DESCRIP.	P VALUE
1563	S79463	M-Sema F=a factor in neural network development	1.00E-85
1564	U35312	Mus musculus nuclear receptor co-repressor mRNA, complete cds	1.00E-98
1571	L32977	Homo sapiens (clone f17252) ubiquinol cytochrome c reductase Rieske iron-sulphur protein (UQCRFS1) gene, exon 2	0
1576	S78454	Mus musculus metal response element DNA-binding protein M96 mRNA, complete cds	0
1586	M88458	Human ELP-1 mRNA sequence.	0
1622	S77512	LAMB2=laminin beta 2 chain [human, placenta. mRNA. 5642 nt]	e-131
1624	X53305	H.sapiens mRNA for stathmin	0
1625	J03591	Human ADP/ATP translocase mRNA. 3' end. clone pHAT3.	0
1630	L18964	Human protein kinase C iota isoform (PRKCI) mRNA, complete cds.	2E-67
1640	D29956	Human mRNA for KIAA0055 gene, complete cds	0
1649	M26697	Human nucleolar protein (B23) mRNA, complete cds.	e-149
1669	U47322	Cloning vector DNA, complete sequence.	4E-65
1689	NM_002079.1	Homo sapiens glutamic-oxaloacetic transaminase 1, soluble (aspartate aminotransferase 1) aspartate aminotransferase mRNA, complete cds.	0
1693	U55939	Expression vector pVP-Nco, complete sequence.	2E-70
1694	D80007	Human mRNA for KIAA0185 gene, partial cds	0
1695	NM_001904.1	Homo sapiens catenin (cadherin-associated protein), beta 1 (88kD) (CTNNB1) mRNA > :: emb X87838 HSRNABECA H.sapiens mRNA for beta-catenin	e-108
1701	U19867	Cloning vector pSPL3, exon splicing vector, complete sequence, HIV envelope protein gp160 and beta-lactamase, complete cds.	1E-44
1702	M31061	Human ornithine decarboxylase gene, complete cds.	0
1721	Z96177	H.sapiens telomeric DNA sequence, clone 10QTEL040, read 10QTELOO040.seq	2E-70
1722	NM_001904.1	Homo sapiens catenin (cadherin-associated protein), beta 1 (88kD) (CTNNB1) mRNA > :: emb X87838 HSRNABECA H.sapiens mRNA for beta-catenin	e-176
1758	X83577	M.musculus mRNA for K-glypican	0
1761	S79539	Pat-12=Pat-12 product [mice, embryonic stem ES cells, mRNA. 2781 nt]	e-176
1773	L38951	Homo sapiens importin beta subunit mRNA, complete cds	1E-78

Table 2A: Nearest Neighbor (BlastN vs. Genbank)

SEQ ID	ACC'N	DESCRIP.	P VALUE
1776	NM_003902.1	Homo sapiens far upstream element binding protein (FUBP) mRNA > :: gb U05040 HSU05040 Human FUSE binding protein mRNA. complete cds.	0
1791	L08783	BlueScribe M13 Plus cloning vector.	0
1809	U86751	Human nucleolar fibrillar center protein (ASE-1) mRNA. complete cds	8E-95
1817	M21188	Human insulin-degrading enzyme (IDE) mRNA. complete cds.	e-134
1831	NM_001614.1	Homo sapiens actin, gamma 1 (ACTG1) mRNA > :: emb X04098 HSACTCGR Human mRNA for cytoskeletal gamma-actin	0.00E+00
1836	U12404	Human Csa-19 mRNA. complete cds.	0
1837	X79236	H.sapiens rps26 gene	e-145
1838	NM_003313.1	Homo sapiens tissue specific transplantation antigen P35B (TSTA3) mRNA > :: gb U58766 HSU58766 Human FX protein mRNA. complete cds	0
1839	M27436	Human tissue factor gene, complete cds, with a Alu repetitive sequence in the 3' untranslated region. > :: gb I05724  Sequence 12 from Patent EP 0278776	e-121
1849	X79067	H.sapiens ERF-1 mRNA 3' end	0
1850	NM_003017.1	Homo sapiens splicing factor, arginine/serine-rich 3 (SFRS3) mRNA > :: gb L10838 HUMSRP20 Homo sapiens SR protein family, pre-mRNA splicing factor (SRp20) mRNA, complete cds.	e-135
1857	U48807	Human MAP kinase phosphatase (MKP-2) mRNA. complete cds	0.00E+00
1858	U48807	Human MAP kinase phosphatase (MKP-2) mRNA. complete cds	0.00E+00
1873	U04817	Human protein kinase PITSLRE alpha 2-3 mRNA. complete cds.	8.00E-53
1876	U18297	Human MST1 (MST1) mRNA. complete cds.	0.00E+00
1877	NM_001859.1	Homo sapiens solute carrier family 31 gb U83460 HSU83460 Human high-affinity copper uptake protein (hCTR1) mRNA. complete cds	0
1889	X70272	single stranded replicative centromeric Saccharomyces cerevisiae /E. coli shuttle vector	3.00E-76
1897	L26050	Human mitochondrial 2,4-dienoyl-CoA reductase mRNA, complete cds.	0.00E+00
1899	X06747	Human hnRNP core protein A1	e-157
1901	M64571	Human microtubule-associated protein 4 mRNA. complete cds.	0.00E+00



Table 2A: Nearest Neighbor (BlastN vs. Genbank)

SEQ ID	ACC'N	DESCRIP.	P VALUE
1908	X65322.1	Cloning vector pCAT-Basic	9.00E-53
1913	NM_002654.1	Homo sapiens pyruvate kinase, muscle (PKM2) mRNA > :: gb M23725 HUMPKM2L Human M2-type pyruvate kinase mRNA, complete cds.	e-159
1916	U49352	Human liver 2,4-dienoyl-CoA reductase mRNA, complete cds	2.00E-71
1926	D31889	Human mRNA for KIAA0072 gene, partial cds > :: gb G27027 G27027 human STS SHGC-31585.	e-167
1941	U43944	Human breast cancer cytosolic NADP(+)-dependent malic enzyme mRNA, partial cds	1.00E-89
1971	U83659	Human multidrug resistance-associated protein homolog (MRP3) mRNA, partial cds	3.00E-85
1996	M33519	Human HLA-B-associated transcript 3 (BAT3) mRNA, complete cds.	3.00E-84
1997	U55387	Cricetulus griseus SL15 mRNA, complete cds	e-150
2018	L36315	Mus musculus (clone pMLZ-1) zinc finger protein	e-162
2025	NM_003902.1	Homo sapiens far upstream element binding protein (FUBP) mRNA > :: gb U05040 HSU05040 Human FUSE binding protein mRNA, complete cds.	e-175
2032	X56932	H.sapiens mRNA for 23 kD highly basic protein	0.00E+00
2039	X98654	H.sapiens mRNA for DRES9 protein	9.00E-97
2050	S62077	HP1Hs alpha=25 kda chromosomal autoantigen [human, mRNA, 876 nt]	4.00E-68
2057	M23619	Human HMG-I protein isoform mRNA (HMGI gene), clone 6A.	e-117
2077	NM_003217.1	Homo sapiens testis enhanced gene transcript	4E-99
2092	U18671	Human Stat2 gene, complete cds.	0.00E+00
2096	D43636	Human mRNA for KIAA0096 gene, partial cds	0
2098	NM_002734.1	Homo sapiens protein kinase, cAMP-dependent, regulatory, type I, alpha (tissue specific extinguisher 1) (PRKAR1A) mRNA > :: gb M33336 HUMCAMPK Human cAMP-dependent protein kinase type I-alpha subunit	0
2099	U72621	Human LOT1 mRNA, complete cds	0.00E+00
2112	NM_003902.1	Homo sapiens far upstream element binding protein (FUBP) mRNA > :: gb U05040 HSU05040 Human FUSE binding protein mRNA, complete cds.	0.00E+00
2118	L41142	Homo sapiens signal transducer and activator of transcription (STAT5) mRNA, complete cds.	0.00E+00
2119	Z48950	H.sapiens hH3.3B gene for histone H3.3	0.00E+00
2153	L09260	Human (chromosome 3p25) membrane protein mRNA.	e-100
2158	X65304.1	Cloning vector pGEM-3Z	e-173

Table 2A: Nearest Neighbor (BlastN vs. Genbank)

SEQ ID	ACC'N	DESCRIP.	P VALUE
2163	NM_003358.1	Homo sapiens UDP-glucose ceramide glucosyltransferase (UGCG) mRNA > :: dbj D50840 HUMCGA Homo sapiens mRNA for ceramide glucosyltransferase, complete cds > :: dbj E12454 E12454 cDNA encoding human ceramide glucosyltransferase	e-141
2179	M95605	Bos taurus S-adenosylmethionine decarboxylase	e-175
2180	M12623	Human non-histone chromosomal protein HMG-17 mRNA, complete cds.	0.00E+00
2181	U79143	Human phosphoinositide 3'-hydroxykinase p110-alpha subunit mRNA, complete cds	0.00E+00
2192	K01906	Human fetal liver c-myc proto-oncogene, exon 3 and flanks.	e-165
2194	X74870	H.sapiens gene for RNA pol II largest subunit, exons 23-29	e-161
2235	L16991	Human thymidylate kinase (CDC8) mRNA, complete cds.	0.00E+00
2257	L08783	BlueScribe M13 Plus cloning vector.	0.00E+00
2276	NM_002245.1	Homo sapiens potassium inwardly-rectifying channel, subfamily K, member 1 (KCNK1) mRNA > :: gb U33632 HSU33632 Human two P-domain K+ channel TWIK-1 mRNA, complete cds.	0
2278	D50734	Rat mRNA of antizyme inhibitor, complete cds	e-157
2279	U26401	Human galactokinase (galK) mRNA, complete cds. >	0.00E+00
2285	U49058	Rattus norvegicus CTD-binding SR-like protein rA4 mRNA, partial cds	e-138
2287	X65306.1	Cloning vector pGEM-3Zf(+)	e-116
2299	NM_001172.1	Homo sapiens arginase, type II (ARG2) mRNA > :: gb U82256 HSU82256 Homo sapiens arginase type II mRNA, complete cds	e-127
2309	M25160	Human Na,K-ATPase beta subunit (ATP1B) gene, exons 3 through 6.	0.00E+00
2315	Y08736	H.sapiens vegf gene, 3'UTR	1.00E-78
2320	U13737	Human cysteine protease CPP32 isoform alpha mRNA, complete cds.	0.00E+00
2323	Y08135	M.musculus mRNA for ASM-like phosphodiesterase 3a	e-148
2324	Y08135	M.musculus mRNA for ASM-like phosphodiesterase 3a	0
2328	NM_001677.1	Homo sapiens ATPase, Na+/K+ transporting, beta 1 polypeptide (ATP1B1) mRNA > :: emb X03747 HSATPBR Human mRNA for Na/K-ATPase beta subunit	1E-77
2337	Y08135	M.musculus mRNA for ASM-like phosphodiesterase 3a	e-168
2364	U54778	Human 14-3-3 epsilon mRNA, complete cds	1E-67
2365	Y08135	M.musculus mRNA for ASM-like phosphodiesterase 3a	0

Table 2A: Nearest Neighbor (BlastN vs. Genbank)

SEQ ID	ACC'N	DESCRIP.	P VALUE
2368	NM_001172.1	Homo sapiens arginase, type II (ARG2) mRNA > :: gb U82256 HSU82256 Homo sapiens arginase type II mRNA, complete cds	e-127
2385	AB002293	Human mRNA for KIAA0295 gene, partial cds	0
2394	M21188	Human insulin-degrading enzyme (IDE) mRNA, complete cds.	2E-81
2425	D87466	Human mRNA for KIAA0276 gene, partial cds	1E-97
2429	U58884	Mus musculus SH3-containing protein SH3P7 mRNA, complete cds. similar to Human Drebrin	4E-96
2441	AB005216	Homo sapiens mRNA for Nck, Ash and phospholipase C gamma binding protein NAP4, partial cds	0
2442	NM_001960.1	Homo sapiens eukaryotic translation elongation factor 1 delta (guanine nucleotide exchange protein) (EEF1D) mRNA > :: emb Z21507 HSEFIDELA H.sapiens EF-1delta gene encoding human elongation factor-1-delta	0.00E+00
2444	M92449	Human LTR mRNA, 3' end of coding region and 3' flank.	e-143
2452	NM_003350.1	Homo sapiens ubiquitin-conjugating enzyme E2 variant 2 (UBE2V2) mRNA > :: emb X98091 HSVITDITR H.sapiens mRNA for protein induced by vitamin D	0
2456	U44975	Homo sapiens DNA-binding protein CPBP (CPBP) mRNA, partial cds	5.00E-69
2459	Z84510	H.sapiens flow-sorted chromosome 6 HindIII fragment, SC6pA28B7	4.00E-66
2463	Z48042	H.sapiens mRNA encoding GPI-anchored protein p137	e-172
2497	U32986	Human xeroderma pigmentosum group E UV-damaged DNA binding factor mRNA, complete cds.	0
2515	NM_003419.1	Homo sapiens zinc finger protein 10 (KOX 1) for zinc finger protein	e-129
2520	Y00711	Human mRNA for lactate dehydrogenase B (LDH-B)	0.00E+00
2526	Y10725	M.musculus mRNA for protein kinase KIS	0.00E+00
2543	X62078	H.sapiens mRNA for GM2 activator protein	e-164
2548	NM_001009.1	Homo sapiens ribosomal protein S5 (RPS5) mRNA complete cds.	0.00E+00
2556	U97188	Homo sapiens putative RNA binding protein KOC	1E-86
2575	NM_002852.1	Homo sapiens pentaxin-related gene, rapidly induced by IL-1 beta (PTX3) mRNA > :: emb X63613 HSPTX3R H.sapiens mRNA for pentaxin (PTX3)	0.00E+00
2578	X67155	H.sapiens mRNA for mitotic kinesin-like protein-1	0.00E+00
2588	M54968	Human K-ras oncogene protein mRNA, complete cds >	e-123
2591	D88687	Homo sapiens mRNA for KM-102-derived reductase-like factor, complete cds	0

Table 2A: Nearest Neighbor (BlastN vs. Genbank)			
SEQ ID	ACC'N	DESCRIP.	P VALUE
2593	NM_001436.1	Homo sapiens fibrillarin (FBL) mRNA > :: gb M59849 HUMFIBAA Human fibrillarin (Hfib1) mRNA, complete cds.	e-103
2595	AB002326	Human mRNA for KIAA0328 gene, partial cds	0.00E+00
2598	M11948	Human promyelocytic leukemia cell mRNA, clones pHH58 and pHH81.	9.00E-84

**Table 2B** Nearest Neighbor (BlastX vs. Non-Redundant Proteins)

SEQ ID	ACC'N	DESCRIP.	P VALUE
37	4239895	(AB016816) MASL1 [Homo sapiens]	9.00E-54
66	4514653	(AB024057) vascular Rab-GAP/TBC-containing protein [Homo sapiens]	6.00E-55
78	4454524	(AC004841) similar to insulin receptor substrate BAP2; similar to PID:g4126477 [Homo sapiens]	6.00E-22
79	4545264	(AF118240) peroxisomal biogenesis factor 16 [Homo sapiens]	1.00E-45
112	3413938	(AB007963) KIAA0494 protein [Homo sapiens]	3.00E-44
122	4239895	(AB016816) MASL1 [Homo sapiens]	1.00E-47
139	4502371	breast cancer antiestrogen resistance 3 >gi 3237306 (U92715) breast cancer antiestrogen resistance 3 protein [Homo sapiens]	2.00E-44
154	4586880	(AB017114) AD 3 [Homo sapiens]	4.00E-48
157	3327170	(AB014578) KIAA0678 protein [Homo sapiens]	2.00E-51
168	3153241	(AF053004) class I cytokine receptor [Homo sapiens]	2.00E-17
171	4138233	(AJ007780) parp-2 gene [Mus musculus]	2.00E-32
174	3287173	(AJ006266) AND-1 protein [Homo sapiens]	2.00E-42
187	4507145	UNKNOWN >gi 3873216 (AF065485) sorting nexin 4 [Homo sapiens]	8.00E-46
207	4153860	(AC005074) similar to U47321 (PID:g1245146) [Homo sapiens]	4.00E-15
224	3236430	(AF067379) ubiquitin-protein ligase E3-alpha [Mus musculus]	3.00E-35
253	3043696	(AB011158) KIAA0586 protein [Homo sapiens]	1.00E-44
260	4519623	(AB017616) homologous to the yeast YGR163 gene [Mus musculus]	2.00E-54
280	4455035	(AF116238) pseudouridine synthase 1 [Homo sapiens]	4.00E-48
304	3075377	(AC004602) F23487_2 [Homo sapiens]	2.00E-21
306	4505611	poly(A)-specific ribonuclease	7.00E-41
373	1825606	(U88169) similar to molybdopterin biosynthesis MOEB proteins [Caenorhabditis elegans]	2.00E-37
382	4586287	(AB004794) DUF140 [Xenopus laevis]	7.00E-45
396	3941342	(AF043250) mitochondrial outer membrane protein [Homo sapiens] >gi 3941347 (AF043253) mitochondrial outer membrane protein [Homo sapiens] >gi 4105703 gb AAD02504	5.00E-40
414	4586844	(AB015633) type II membrane protein	2.00E-46
422	3327078	(AB014532) KIAA0632 protein [Homo sapiens]	6.00E-36
433	3327230	(AB014608) KIAA0708 protein [Homo sapiens]	5.00E-52
472	3372677	(AF061749) tumorous imaginal discs protein Tid56 homolog	7.00E-35
502	4050034	(AF098482) transcriptional coactivator p52 [Homo sapiens]	1.00E-36

Table 2B Nearest Neighbor (BlastX vs. Non-Redundant Proteins)

SEQ ID	ACC'N	DESCRIP.	P VALUE
504	4406632	(AF131801) Unknown [Homo sapiens]	3.00E-21
512	3114828	(AJ005897) JM5 [Homo sapiens]	3.00E-44
530	3766209	(AF071777) IRE1 [Mus musculus]	2.00E-29
561	3043644	(AB011132) KIAA0560 protein [Homo sapiens]	3.00E-43
572	3088575	(AF059531) protein arginine N-methyltransferase 3 [Homo sapiens]	4.00E-46
578	4505891	UNKNOWN >gi 3153235 (AF046889) lysyl hydroxylase isoform 3 [Homo sapiens] >gi 3551836	3.00E-30
590	3114828	(AJ005897) JM5 [Homo sapiens]	1.00E-24
592	3242214	(AJ006778) DRIM protein [Homo sapiens]	2.00E-36
598	4200236	(AL035308) hypothetical protein [Homo sapiens]	8.00E-09
600	3413892	(AB007934) KIAA0465 protein [Homo sapiens]	2.00E-51
635	3043626	(AB011123) KIAA0551 protein [Homo sapiens]	3.00E-31
643	2498864	RRP5 PROTEIN HOMOLOG (KIAA0185) hypothetical protein YM9959.11C of S.cerevisiae. [Homo sapiens]	3.00E-13
670	3402197	(AJ010014) M96A protein [Homo sapiens]	1.00E-21
677	2217964	(Z50798) p52 [Gallus gallus]	7.00E-14
686	3043626	(AB011123) KIAA0551 protein [Homo sapiens]	1.00E-40
697	135470	TUBULIN BETA-5 CHAIN sapiens]	3.00E-21
701	3327056	(AB014521) KIAA0621 protein [Homo sapiens]	2.00E-29
704	4506787	UNKNOWN GTPASE-ACTIVATING-LIKE PROTEIN IQGAP1 (P195) (KIAA0051) protein - human >gi 473931 dbj BAA06123  (D29640) KIAA0051 [Homo sapiens] >gi 536844 (L33075) ras GTPase-activating-like protein [Homo sapiens]	4.00E-41
709	1350762	60S RIBOSOMAL PROTEIN L6 sapiens]	2.00E-22
713	2687400	(AF035824) vesicle soluble NSF attachment protein receptor [Homo sapiens]	1.00E-23
730	2914385	Chain C, Human PcnA >gi 2914387 pdb 1AXC E Chain E. Human PcnA	2.00E-27
731	284076	ERD-2-like protein, ELP-1 - human	1.00E-26
733	2497524	KINESIN-LIKE PROTEIN KIF1B mouse >gi 407339 dbj BAA04503  (D17577) Kif1b [Mus musculus]	9.00E-33
735	3327056	(AB014521) KIAA0621 protein [Homo sapiens]	1.00E-13
736	279567	insulinase (EC 3.4.99.45) - human	2.00E-26
738	487416	(L20302) actin filament protein [Gallus gallus]	3.00E-45
739	1731428	ZINC FINGER PROTEIN ZFP-38	7.00E-35
740	968973	(U29156) involved in signaling by the epidermal growth factor receptor: Method: conceptual translation supplied by author. [Mus musculus]	1.00E-22

Table 2B Nearest Neighbor (BlastX vs. Non-Redundant Proteins)

SEQ ID	ACC'N	DESCRIP.	P VALUE
741	1552350	(Y08135) acid sphingomyelinase-like phosphodiesterase [Mus musculus]	2.00E-35
742	3327098	(AB014542) KIAA0642 protein [Homo sapiens]	3.00E-15
743	3914801	DNA-DIRECTED RNA POLYMERASE I 135 KD POLYPEPTIDE (RNA POLYMERASE I SUBUNIT 2) (RPA135) (RNA POLYMERASE I 127 KD SUBUNIT) >gi 2739048 (AF025424) RNA polymerase I 127 kDa subunit [Rattus norvegicus]	2.00E-45
745	4165018	(D89053) Acyl-CoA synthetase 3 [Homo sapiens]	2.00E-53
746	968973	(U29156) involved in signaling by the epidermal growth factor receptor: Method: conceptual translation supplied by author. [Mus musculus]	3.00E-40
747	4519883	(AB017970) dipeptidyl peptidase III	4.00E-50
748	3327052	(AB014519) KIAA0619 protein [Homo sapiens]	7.00E-30
749	538413	(L36315) zinc finger protein [Mus musculus]	6.00E-55
750	1717793	PROTEIN TSG24 (MEIOTIC CHECK POINT REGULATOR) >gi 1083553 pir A55117 tsg24 protein - mouse	1.00E-50
751	3420277	(AF064826) glypican 4 [Homo sapiens]	3.00E-54
808	4580645	(AF118855) trans-prenyltransferase [Mus musculus]	2.00E-48
829	3882171	(AB018268) KIAA0725 protein [Homo sapiens]	3.00E-24
833	4104976	(AF043117) ubiquitin-fusion degradation protein 2 [Homo sapiens]	2.00E-41
841	3242214	(AJ006778) DRIM protein [Homo sapiens]	4.00E-34
914	4191810	(AB006532) DNA helicase [Homo sapiens]	5.00E-41
959	3043714	(AB011167) KIAA0595 protein [Homo sapiens]	5.00E-20
982	4379097	(Y17999) Dyrk1B protein kinase [Homo sapiens]	3.00E-21
1028	3043712	(AB011166) KIAA0594 protein [Homo sapiens]	2.00E-49
1079	4240227	(AB020676) KIAA0869 protein [Homo sapiens]	4.00E-35
1091	4235226	(AF061025) leucine zipper-EF-hand containing transmembrane protein 1 [Homo sapiens]	6.00E-34
1134	3426268	(AF044201) neural membrane protein 35; NMP35 [Rattus norvegicus]	1.00E-29
1152	4507367	threonyl-tRNA synthetase SYNTHETASE, CYTOPLASMIC (THREONINE--TRNA LIGASE) (THRRS) 6.1.1.3) - human >gi 1464742 (M63180) threonyl-tRNA synthetase [Homo sapiens]	3.00E-26
1153	2072294	(U95097) mitotic phosphoprotein 43 [Xenopus laevis]	1.00E-19
1163	543222	glutamine (Q)-rich factor 1, QRF-1 - mouse factor 1, QRF-1 [mice, B-cell leukemia, BCL1, Peptide Partial, 84 aa]	1.00E-39

Table 2B Nearest Neighbor (BlastX vs. Non-Redundant Proteins)

SEQ ID	ACC'N	DESCRIP.	P VALUE
1164	3335569	(AF072759) fatty acid transport protein 4: FATP4 [Mus musculus]	7.00E-39
1168	2996194	(AF053232) SIK similar protein [Mus musculus]	1.00E-31
1172	2935597	(AC004262) R29368_2 [Homo sapiens]	6.00E-49
1201	2645205	(U63648) p160 myb-binding protein [Mus musculus]	1.00E-21
1204	1407655	(U58884) SH3P7 [Mus musculus]	8.00E-21
1214	2134381	polybromo 1 protein - chicken	8.00E-29
1219	4505613	PRKC, apoptosis, WT1, regulator par-4 [Homo sapiens]	6.00E-34
1229	3757892	(AF079765) enhancer of polycomb [Mus musculus]	3.00E-41
1231	2134436	zinc finger protein - chicken (fragment)	4.00E-37
1232	2393722	(U90313) glutathione-S-transferase homolog [Homo sapiens]	6.00E-34
1234	459002	(U00036) R151.6 gene product [Caenorhabditis elegans]	7.00E-10
1236	119530	PROTEIN DISULFIDE ISOMERASE-RELATED PROTEIN PRECURSOR (ERP72) >gi 87320 pir A23723 protein disulfide-isomerase (EC 5.3.4.1) ERp72 precursor - human protein [Homo sapiens]	3.00E-23
1239	2073541	(L19437) transaldolase [Homo sapiens] >gi 2612879	2.00E-24
1241	984125	(X90857) -14 [Homo sapiens]	2.00E-23
1245	4106818	(AF083395) phospholipase A2-activating protein [Homo sapiens]	4.00E-36
1247	4507955	YY1 transcription factor REPRESSOR PROTEIN YY1 (YIN AND YANG 1) (YY-1) (DELTA TRANSCRIPTION FACTOR) (NF-E1) >gi 38011 emb CAA78455	4.00E-27
1250	1698779	(U70372) PAM COOH-terminal interactor protein 2 [Rattus norvegicus]	6.00E-35
1252	4204684	(AF102542) beta-1,6-N-acetylglucosaminyltransferase core 2/core 4 beta-1,6-N-acetylglucosaminyltransferase; core 2/4-GnT [Homo sapiens]	9.00E-43
1255	2239126	(Y10746) methyl-CpG binding protein [Homo sapiens]	4.00E-16
1259	1747519	(U76759) nuclear protein NIP45 [Mus musculus]	2.00E-29
1260	545790	DARPP-32=dopamine and cAMP-regulated phosphoprotein [human, brain, Peptide, 204 aa] sapiens]	1.00E-29
1261	1709689	PEPTIDE METHIONINE SULFOXIDE REDUCTASE (PEPTIDE MET(O) REDUCTASE) >gi 1205993 taurus]	1.00E-37
1265	2736151	(AF021935) mytonic dystrophy kinase-related Cdc42-binding kinase [Rattus norvegicus]	1.00E-41
1267	3329392	(AF038961) SL15 protein [Homo sapiens]	8.00E-36
1268	4097712	(U67322) HBV associated factor [Homo sapiens]	7.00E-56



Table 2B Nearest Neighbor (BlastX vs. Non-Redundant Proteins)

SEQ ID	ACC'N	DESCRIP.	P VALUE
1269	585084	ELONGATION FACTOR G, MITOCHONDRIAL PRECURSOR (MEF-G) >gi 543383 pir S40780 translation elongation factor G, mitochondrial - rat >gi 310102	7.00E-49
1270	1438534	(U49057) rA9 [Rattus norvegicus]	3.00E-45
1271	1336628	(U57368) EGF repeat transmembrane protein [Mus musculus]	7.00E-47
1272	3914802	DNA-DIRECTED RNA POLYMERASE I LARGEST SUBUNIT (RNA POLYMERASE I 194 KD SUBUNIT) (RPA194)	1.00E-37
1273	3387977	(AF070598) ABC transporter [Homo sapiens]	5.00E-50
1274	1717793	PROTEIN TSG24 (MEIOTIC CHECK POINT REGULATOR) >gi 1083553 pir A55117 tsg24 protein - mouse	2.00E-48
1275	2493735	SKD3 PROTEIN SKD3 [Mus musculus]	7.00E-43
1276	1041038	(D78020) NF1-A4 [Rattus norvegicus]	3.00E-26
1284	4455118	(AF125158) zinc finger DNA binding protein 99	9.00E-41
1322	4049922	(AF072810) transcription factor WSTF [Homo sapiens]	4.00E-48
1338	4586287	(AB004794) DUF140 [Xenopus laevis]	3.00E-45
1345	3435244	(AF083322) centriole associated protein CEP110 [Homo sapiens]	2.00E-40
1370	3413886	(AB007931) KIAA0462 protein [Homo sapiens]	2.00E-35
1462	3882311	(AB018338) KIAA0795 protein [Homo sapiens]	4.00E-47
1497	4240167	(AB020646) KIAA0839 protein [Homo sapiens]	2.00E-46
1517	4191610	(AF117107) IGF-II mRNA-binding protein 2 [Homo sapiens]	3.00E-49
1519	3135669	(AF064084) prenylcysteine carboxyl methyltransferase	1.00E-39
1529	3043548	(AB011084) KIAA0512 protein [Homo sapiens]	2.00E-47
1531	3093476	(AF008915) EVI-5 homolog [Homo sapiens]	6.00E-19
1532	3834629	(AF094519) diaphanous-related formin; p134 mDia2 [Mus musculus]	1.00E-32
1533	3193226	(AF068706) gamma2-adaptin [Homo sapiens]	1.00E-46
1534	3851584	(AF092563) chromosome-associated protein-E [Homo sapiens]	4.00E-48
1535	4101695	(AF006010) progesterin induced protein [Homo sapiens]	5.00E-30
1550	3850704	(AJ005273) Kin17 [Homo sapiens]	9.00E-24
1553	4240147	(AB020636) KIAA0829 protein [Homo sapiens]	9.00E-41
1554	2137490	lymphocyte specific helicase - mouse musculus]	5.00E-35
1561	3327052	(AB014519) KIAA0619 protein [Homo sapiens]	1.00E-41
1563	2137494	M-sema F protein precursor - mouse F [mice, neonatal brain, Peptide, 834 aa] [Mus sp.]	7.00E-34

Table 2B Nearest Neighbor (BlastX vs. Non-Redundant Proteins)

SEQ ID	ACC'N	DESCRIP.	P VALUE
1564	2137603	nuclear receptor co-repressor N-CoR - mouse musculus] >gi1583865 prf 2121436A thyroid hormone receptor co-repressor [Mus musculus]	9.00E-41
1565	2674107	(AF023451) guanine nucleotide-exchange protein [Bos taurus]	3.00E-48
1587	3659505	(AC005084) similar to mouse mCASK-A: similar to e1288039	1.00E-57
1649	114762	NUCLEOPHOSMIN (NPM) (NUCLEOLAR PHOSPHOPROTEIN B23) (NUMATRIN) (NUCLEOLAR PROTEIN NO38) sapiens]	6.00E-35
1651	3327056	(AB014521) KIAA0621 protein [Homo sapiens]	8.00E-40
1688	4545264	(AF118240) peroxisomal biogenesis factor 16 [Homo sapiens]	2.00E-65
1694	2498864	RRP5 PROTEIN HOMOLOG (KIAA0185) hypothetical protein YM9959.11C of S.cerevisiae. [Homo sapiens]	7.00E-77
1758	3420277	(AF064826) glypican 4 [Homo sapiens]	4.00E-76
1768	3088575	(AF059531) protein arginine N-methyltransferase 3 [Homo sapiens]	7.00E-97
1771	4050034	(AF098482) transcriptional coactivator p52 [Homo sapiens]	2.00E-58
1811	4506357	UNKNOWN: PZR >gi3851145 sapiens]	2.00E-60
1830	3387977	(AF070598) ABC transporter [Homo sapiens]	e-113
1836	1709974	60S RIBOSOMAL PROTEIN L10A protein L10a [Rattus norvegicus] Ribosomal Protein RPL10A) [Homo sapiens]	e-111
1838	4507709	tissue specific transplantation antigen P35B >gi1381179 (U58766) FX [Homo sapiens]	9.00E-90
1876	1117791	(U18297) MST1 [Homo sapiens]	4E-85
1877	4507015	copper transporter 1	3.00E-72
1897	4503301	2,4-dienoyl CoA reductase REDUCTASE, MITOCHONDRIAL PRECURSOR (2,4-DIENOYL-COA REDUCTASE (NADPH)) (4-ENOYL-COA REDUCTASE (NADPH)) precursor. mitochondrial - human >gi602703 (L26050) 2,4-dienoyl-CoA reductase [Homo sapiens] >gi2673979 precursor [Homo sapiens] >gi4126313 (AF049895) 2,4-dienoyl-CoA reductase [Homo sapiens]	6E-94
1901	126743	MICROTUBULE-ASSOCIATED PROTEIN 4 human >gi187383 (M64571) microtubule-associated protein 4 [Homo sapiens]	6E-84
1914	4505987	PTPRF interacting protein, binding protein 1 (liprin beta 1) >gi3309539 (AF034802) liprin-beta1 [Homo sapiens]	4E-89
1920	3043644	(AB011132) KIAA0560 protein [Homo sapiens]	e-108

**Table 2B** Nearest Neighbor (BlastX vs. Non-Redundant Proteins)

SEQ ID	ACC'N	DESCRIP.	P VALUE
1944	3413892	(AB007934) KIAA0465 protein [Homo sapiens]	7.00E-87
1956	4185796	(AF103796) placenta-specific ATP-binding cassette transporter [Homo sapiens]	2E-68
1973	4507145	UNKNOWN >gi 3873216 (AF065485) sorting nexin 4 [Homo sapiens]	1.00E-73
2008	1083566	zinc finger protein/transactivator Zfp-38 - mouse >gi 55477  emb CAA45280  (X63747) Zfp-38 [Mus musculus]	2E-64
2018	1806134	(Z67747) zinc finger protein [Mus musculus]	7.00E-78
2032	730451	60S RIBOSOMAL PROTEIN L13A (23 KD HIGHLY BASIC PROTEIN) >gi 345897 pir  S29539 basic protein, 23K - human >gi 23691 emb CAA40254  (X56932) 23 kD highly basic protein [Homo sapiens]	4.00E-87
2285	4102967	(AF023142) pre-mRNA splicing SR protein rA4 [Homo sapiens]	1.00E-33
2317	3108093	(AF061258) LIM protein [Homo sapiens]	6.00E-82
2318	3170887	(AF061555) ubiquitin-protein ligase E3-alpha [Mus musculus]	e-104
2324	1552350	(Y08135) acid sphingomyelinase-like phosphodiesterase [Mus musculus]	6.00E-91
2365	1552350	(Y08135) acid sphingomyelinase-like phosphodiesterase [Mus musculus]	e-106
2366	3242214	(AJ006778) DRIM protein [Homo sapiens]	e-114
2387	4514653	(AB024057) vascular Rab-GAP/TBC-containing protein [Homo sapiens]	e-121
2441	2443367	(AB005216) Nck, Ash and phospholipase C gamma-binding protein NAP4 [Homo sapiens]	e-120
2475	119110	EBNA-1 NUCLEAR PROTEIN herpesvirus 4 (strain B95-8) >gi 1334880 emb CAA24816.1  gene. [Human herpesvirus 4]	2.00E-38
2479	121640	GLYCINE-RICH CELL WALL STRUCTURAL PROTEIN PRECURSOR >gi 72320 pir  KNMU glycine-rich cell wall protein precursor - Arabidopsis thaliana	8.00E-31
2495	1362077	glycin-rich protein - cowpea (fragment)	2E-40
2519	121640	GLYCINE-RICH CELL WALL STRUCTURAL PROTEIN PRECURSOR >gi 72320 pir  KNMU glycine-rich cell wall protein precursor - Arabidopsis thaliana	9.00E-27
2546	2674107	(AF023451) guanine nucleotide-exchange protein [Bos taurus]	5E-89
2548	3717978	(Y12431) 5S ribosomal protein [Mus musculus]	5E-94
2556	4191610	(AF117107) IGF-II mRNA-binding protein 2 [Homo sapiens]	e-111

Table 2B Nearest Neighbor (BlastX vs. Non-Redundant Proteins)			
SEQ ID	ACC'N	DESCRIP.	P VALUE
2578	2119281	CHO1 antigen - Chinese hamster	e-101
2579	3435244	(AF083322) centriole associated protein CEP110 [Homo sapiens]	2E-70
2591	1843434	(D88687) KM-102-derived reductase-like factor [Homo sapiens]	4.00E-91
2604	3834629	(AF094519) diaphanous-related formin: p134 mDia2 [Mus musculus]	1E-49

Table 3A Profile Hits

SEQ ID NO:	Description	Start	Stop	Dir
1967	14_3_3 proteins	166	845	for
2366	3'5'-cyclic nucleotide phosphodiesterases	64	573	for
1579	4 transmembrane integral membrane proteins	300	924	rev
1978	4 transmembrane integral membrane proteins	340	941	rev
1652	7 transmembrane receptor (rhodopsin family)	109	647	rev
1927	7 transmembrane receptor (rhodopsin family)	84	947	rev
2068	7 transmembrane receptor (rhodopsin family)	305	975	for
1598	7 transmembrane receptor (Secretin family)	50	1269	for
1719	7 transmembrane receptor (Secretin family)	63	1160	rev
1911	7 transmembrane receptor (Secretin family)	38	869	rev
1927	7 transmembrane receptor (Secretin family)	237	930	rev
2068	7 transmembrane receptor (Secretin family)	188	975	for
2341	7 transmembrane receptor (Secretin family)	377	1524	rev
1671	ATPases Associated with Various Cellular Activities	136	718	for
1672	ATPases Associated with Various Cellular Activities	271	765	for
1688	ATPases Associated with Various Cellular Activities	206	709	rev
1796	ATPases Associated with Various Cellular Activities	139	783	for
1830	ATPases Associated with Various Cellular Activities	265	713	for
1872	ATPases Associated with Various Cellular Activities	152	616	rev
1913	ATPases Associated with Various Cellular Activities	12	510	for
1922	ATPases Associated with Various Cellular Activities	125	658	for
1964	ATPases Associated with Various Cellular Activities	97	752	for
1997	ATPases Associated with Various Cellular Activities	185	664	for
2032	ATPases Associated with Various Cellular Activities	69	485	for
2170	ATPases Associated with Various Cellular Activities	73	550	for
2177	ATPases Associated with Various Cellular Activities	340	928	for

SEQ ID NO:	Description	Start	Stop	Dir
2290	ATPases Associated with Various Cellular Activities	872	1390	rev
2343	ATPases Associated with Various Cellular Activities	122	635	for
2358	ATPases Associated with Various Cellular Activities	84	492	rev
2390	ATPases Associated with Various Cellular Activities	31	434	rev
2414	ATPases Associated with Various Cellular Activities	953	1358	rev
2461	ATPases Associated with Various Cellular Activities	192	690	rev
2476	ATPases Associated with Various Cellular Activities	51	593	for
2482	ATPases Associated with Various Cellular Activities	135	615	rev
2578	ATPases Associated with Various Cellular Activities	0	673	for
1623	Basic region plus leucine zipper transcription factors	81	277	for
1715	C2 domain (prot. kinase C like)	403	582	for
2426	C2 domain (prot. kinase C like)	493	637	for
2238	Cysteine proteases	359	984	rev
1630	DEAD and DEAH box helicases	34	690	rev
1865	DEAD and DEAH box helicases	43	753	for
2517	DEAD and DEAH box helicases	426	719	for
1714	Dual specificity phosphatase, catalytic domain	365	696	rev
1728	Dual specificity phosphatase, catalytic domain	243	597	for
2087	Dual specificity phosphatase, catalytic domain	786	1566	for
1595	EF-hand	556	630	for
1671	Eukaryotic aspartyl proteases	116	763	for
1778	Eukaryotic aspartyl proteases	92	1008	rev
1903	Eukaryotic aspartyl proteases	73	603	rev
1945	Eukaryotic aspartyl proteases	147	694	rev
1963	Eukaryotic aspartyl proteases	38	740	rev
1991	Eukaryotic aspartyl proteases	404	1113	rev
2130	Eukaryotic aspartyl proteases	237	829	rev
2138	Eukaryotic aspartyl proteases	117	729	rev
2193	Eukaryotic aspartyl proteases	217	1397	rev
2290	Eukaryotic aspartyl proteases	413	1366	rev
2291	Eukaryotic aspartyl proteases	8	710	rev

SEQ ID NO:	Description	Start	Stop	Dir
2348	Eukaryotic aspartyl proteases	291	1146	rev
2430	Eukaryotic aspartyl proteases	216	1158	rev
2496	Eukaryotic aspartyl proteases	228	659	for
2523	Eukaryotic aspartyl proteases	276	1291	rev
2589	Eukaryotic aspartyl proteases	525	1431	for
1968	Fibronectin type II domain	455	565	rev
1779	G-protein alpha subunit	24	583	rev
1621	Helicases conserved C-terminal domain	160	309	for
1652	Helicases conserved C-terminal domain	363	560	rev
2192	Helix-loop-helix DNA binding domain	224	382	for
2181	kinase domain of tors	474	713	for
1825	mkk like kinases	17	626	rev
1876	mkk like kinases	35	719	for
2039	mkk like kinases	114	527	for
2526	mkk like kinases	9	463	for
1782	Neurotransmitter-gated ion-channel	267	1411	for
1922	Neurotransmitter-gated ion-channel	367	1168	for
2068	Neurotransmitter-gated ion-channel	222	1024	for
2102	Neurotransmitter-gated ion-channel	352	1273	for
2154	Neurotransmitter-gated ion-channel	377	1159	for
2538	Neurotransmitter-gated ion-channel	112	1120	for
1621	protein kinase	153	743	for
1630	protein kinase	123	904	for
1705	protein kinase	471	1072	for
1706	protein kinase	190	609	for
1710	protein kinase	235	641	for
1744	protein kinase	8	711	rev
1767	protein kinase	90	537	for
1776	protein kinase	200	524	rev
1782	protein kinase	706	1331	for
1822	protein kinase	24	666	for
1825	protein kinase	56	593	rev
1844	protein kinase	263	824	for
1850	protein kinase	217	779	for
1876	protein kinase	290	711	for
1977	protein kinase	38	776	for
2051	protein kinase	14	657	for
2112	protein kinase	202	644	rev
2169	protein kinase	1	656	for
2205	protein kinase	57	689	for
2242	protein kinase	33	646	for

SEQ ID NO:	Description	Start	Stop	Dir
2291	protein kinase	630	1148	rev
2454	protein kinase	49	761	rev
2526	protein kinase	0	463	for
2558	protein kinase	77	590	for
1719	Protein Tyrosine Phosphatase	82	482	rev
1769	Protein Tyrosine Phosphatase	71	461	rev
2062	Protein Tyrosine Phosphatase	270	704	for
2197	Protein Tyrosine Phosphatase	359	851	for
2275	Protein Tyrosine Phosphatase	56	680	for
1850	RNA recognition motif. (aka RRM, RBD, or RNP domain)	165	365	for
2194	RNA recognition motif. (aka RRM, RBD, or RNP domain)	37	174	for
2441	SH2 Domain	201	362	for
1618	Thioredoxins	253	554	for
1579	Trypsin	252	1007	rev
2290	Trypsin	350	1164	rev
2341	Trypsin	447	1211	rev
2421	Trypsin	14	765	rev
2430	Trypsin	700	1556	rev
2438	Trypsin	47	670	rev
2281	WD domain, G-beta repeats	70	161	for
1579	wnt family of developmental signaling proteins	282	1017	rev
1653	wnt family of developmental signaling proteins	154	978	rev
1778	wnt family of developmental signaling proteins	38	858	rev
1826	wnt family of developmental signaling proteins	574	1318	rev
1875	wnt family of developmental signaling proteins	578	1313	rev
1904	wnt family of developmental signaling proteins	205	1068	rev
1992	wnt family of developmental signaling proteins	2	824	rev
2004	wnt family of developmental signaling proteins	621	1420	rev
2129	wnt family of developmental signaling proteins	394	1343	rev
2145	wnt family of developmental signaling proteins	162	1027	rev
2204	wnt family of developmental signaling proteins	274	1405	rev
2238	wnt family of developmental signaling proteins	560	1195	rev
2290	wnt family of developmental signaling proteins	250	1273	rev
2291	wnt family of developmental signaling proteins	523	1409	rev
2294	wnt family of developmental signaling proteins	297	1237	rev
2341	wnt family of developmental signaling proteins	51	1002	rev
2343	wnt family of developmental signaling proteins	28	1180	rev
2348	wnt family of developmental signaling proteins	638	1614	rev
2373	wnt family of developmental signaling proteins	30	1078	rev



SEQ ID NO:	Description	Start	Stop	Dir
2409	wnt family of developmental signaling proteins	4	1074	rev
2410	wnt family of developmental signaling proteins	208	1107	rev
2414	wnt family of developmental signaling proteins	242	1068	rev
2421	wnt family of developmental signaling proteins	159	1057	rev
2430	wnt family of developmental signaling proteins	844	1691	rev
2436	wnt family of developmental signaling proteins	107	784	rev
2438	wnt family of developmental signaling proteins	127	1226	rev
2463	wnt family of developmental signaling proteins	5	704	rev
2473	wnt family of developmental signaling proteins	328	1193	rev
2511	wnt family of developmental signaling proteins	341	1222	rev
2523	wnt family of developmental signaling proteins	820	1617	rev
2528	wnt family of developmental signaling proteins	461	1283	rev
1735	Zinc finger, C2H2 type	495	557	for
1942	Zinc finger, C2H2 type	500	562	for
2018	Zinc finger, C2H2 type	279	341	for
2254	Zinc finger, C2H2 type	148	210	for
2515	Zinc finger, C2H2 type	422	484	for

Table 3B Profile Hits for Contigs

SEQ ID NO:	Description	Start	Stop	Dir
2641	ATPases Associated with Various Cellular Activities	118	661	for
2655	ATPases Associated with Various Cellular Activities	135	536	for
2685	ATPases Associated with Various Cellular Activities	142	574	for
2648	DEAD and DEAH box helicases	66	931	rev
2686	Helicases conserved C-terminal domain	51	242	for
2661	Neurotransmitter-gated ion-channel	169	738	rev
2640	Protein phosphatase 2A regulatory subunit PR55	275	1510	for
2655	Protein phosphatase 2A regulatory subunit PR55	55	1087	for
2670	Protein phosphatase 2A regulatory subunit PR55	13	1183	for
2684	Protein phosphatase 2A regulatory subunit PR55	511	1861	rev
2679	Protein Tyrosine Phosphatase	292	768	for
2668	Thioredoxins	182	475	for

Table 22 Deposits of Pooled Clones

ES34	ES35	ES36	ES37
M00006992C:G02	M00005468A:D08	M00005452C:A02	M00022171D:B08
M00006756D:E10	M00021892B:H03	M00001382C:C09	M00008061A:F02
M00003984C:F04	M00001390A:C06	M00004841C:B09	M00003820C:A09
M00007125D:E03	M00022074D:F11	M00001441D:H05	M00022109B:A11
M00006650A:A10	M00005460B:D02	M00022716D:D08	M00005342D:F03
M00001452B:H06	M00022423B:D03	M00022828C:E04	M00022070B:C10
M00022972D:C10	M00007140A:F11	M00004350B:F06	M00006966B:B09
M00022305C:A01	M00004081B:C11	M00005685B:D08	M00022381C:C12
M00007010B:H01	M00005480A:H12	M00004190A:A09	M00003991B:B05
M00021946D:C11	M00008015D:E09	M00004054D:D02	M00022404D:G05

ES38	ES39	ES40	ES41
M00021912B:H11	M00007118B:B04	M00006993B:B09	M00007974B:C11
M00005378C:A10	M00007019A:B01	M00004242C:C01	M00021860B:G06
M00022578C:B07	M00021682B:D12	M00007986C:C05	M00006927C:F12
M00005513A:D08	M00005411D:A03	M00004115A:G09	M00022582C:E12
M00022176C:A08	M00006641C:H02	M00022600C:A06	M00006618C:G08
M00006822D:F07	M00007041B:C05	M00005384A:A01	M00005450B:B01
M00004031A:B04	M00005444B:E11	M00021667D:E03	M00001417B:E01
M00021927D:D12	M00022745B:G02	M00008078C:C06	M00003825B:A05
M00001553D:B06	M00022685A:F11	M00007985A:B09	M00001370B:B04
M00022404B:H05	M00004446A:G01	M00007953B:B03	M00006727B:E09

ES42	ES43	ES44	ES45
M00001478A:B06	M00006923B:H08	M00006615B:F05	M00005468D:F04
M00003972B:A11	M00005377D:F11	M00005486C:B03	M00006720C:C11
M00005477C:D08	M00006640B:H09	M00007124C:A11	M00005817D:E12
M00006745A:A01	M00005404C:F02	M00006995D:A03	M00001669B:A03
M00007090B:A02	M00004030A:G12	M00007149D:G06	M00003998A:G12
M00007152A:B04	M00006704D:D03	M00006990D:D06	M00004045A:B12
M00006953B:H10	M00006810D:A05	M00005530B:E04	M00004130D:E04
M00005399D:B02	M00005481C:A05	M00003918C:E07	M00004160A:D07
M00006987B:F04	M00005411A:C07	M00007163A:B10	M00001655A:F07
M00005772A:F03	M00003970A:G10	M00005485C:A03	M00001468D:D11

ES46
M00004217A:A05
M00004183D:B07
M00001415D:A05
M00004158C:F03
M00004031D:G02

Table 23. Library Deposits			
ES47	ES48	ES49	ES50
M00001399D:F09	M00004217D:G10	M00004508A:G12	M00021653A:G07
M00001455A:C03	M00004218C:G10	M00004508B:G02	M00021654C:A02
M00001456C:F02	M00004252D:H08	M00001432B:H08	M00021660C:G04
M00001487D:G03	M00004253B:A10	M00001432C:G01	M00021665A:D04
M00001539B:B01	M00004253B:F06	M00003992D:G01	M00021670B:G11
M00001565A:A02	M00004253C:E10	M00005326B:F03	M00021678A:B08
M00001572C:E07	M00004260A:B07	M00005332A:H10	M00021680B:C01
M00001582D:B10	M00004260C:A12	M00005342A:C04	M00021681C:B10
M00001584C:A03	M00004260C:E10	M00005342A:D04	M00021690D:E05
M00001586A:F09	M00001339B:A03	M00005349B:G01	M00021692A:E03
M00001588D:H08	M00001342C:A04	M00005352B:D02	M00021692C:E06
M00001610B:A01	M00001344D:G11	M00005354C:E02	M00021694B:A07
M00001618B:F02	M00001345A:A12	M00005356A:D09	M00021698B:B12
M00001618C:E06	M00001347A:G06	M00005359D:G07	M00021828A:C08
M00001621C:A04	M00001347B:H01	M00005378A:A08	M00021841C:D07
M00001626B:H05	M00001353B:D11	M00005383D:D06	M00021859A:D04
M00001641B:G05	M00001355B:A01	M00005383D:E07	M00021861C:A02
M00001648C:F06	M00001358D:D09	M00005385C:G05	M00021862A:A04
M00001649D:H05	M00001359A:B07	M00005388D:F09	M00021862D:F01
M00001656D:F11	M00001362A:C10	M00005390B:G10	M00021886D:E04
M00001660A:F10	M00001362B:A09	M00005397C:B03	M00021897B:A06
M00001669A:H11	M00001365D:D12	M00005399A:D01	M00021905A:G05
M00003741A:E01	M00001365D:H09	M00005409D:C02	M00021905B:A01
M00003745C:E03	M00001370A:G09	M00005415C:G08	M00021906C:G11
M00003746A:E01	M00001370B:B12	M00005417A:E10	M00021910A:C10
M00003748B:B06	M00001374D:D09	M00005442D:C05	M00021927A:C11
M00003749B:C08	M00001376B:C11	M00005446A:G01	M00021927B:F01
M00003749D:G07	M00001377A:D03	M00005446C:D12	M00021932C:C05
M00003752A:B06	M00001377A:E01	M00005454C:H12	M00021932C:G10
M00003752D:D09	M00001377C:B08	M00005455A:D01	M00021947A:C01
M00003753C:B01	M00001387A:A04	M00005455A:G03	M00021952B:F11
M00003754C:F01	M00001387D:C07	M00005462C:B02	M00021954A:A03
M00003756C:C08	M00001389B:B06	M00005469D:C11	M00021964A:C04
M00003759A:E10	M00001390A:H01	M00005480C:B12	M00021967D:E08
M00003762A:D11	M00001399C:E10	M00005483D:A12	M00021977D:E02
M00003763B:D03	M00001401D:D04	M00005484A:D09	M00021978A:F08
M00003763D:F06	M00001402D:C07	M00005491B:C03	M00021982C:F08
M00003765D:E02	M00001402D:H03	M00005493B:C08	M00021983B:B03
M00003766B:G04	M00001403B:A01	M00005494D:F11	M00021983D:B10
M00003767C:F04	M00001405D:F05	M00005496C:A01	M00022005C:G03
M00003769B:A04	M00001406C:A11	M00005496D:A10	M00022032A:E07
M00003769D:G12	M00001406D:H01	M00005497B:H07	M00022049A:A02
M00003770D:C07	M00001407B:A08	M00005497C:C07	M00022049A:D06

ES47	ES48	ES49	ES50
M00003771A:G09	M00001407D:H11	M00005497C:C12	M00022054D:C05
M00003771D:A10	M00001411A:D01	M00005497C:E03	M00022064C:H07
M00003773A:C09	M00001411C:G02	M00005498B:F08	M00022067D:C05
M00003773B:E09	M00001412A:A11	M00005498C:G05	M00022068B:H11
M00003773B:G08	M00001415D:E12	M00005508B:B04	M00022068D:D12
M00003773C:G06	M00001417C:E02	M00005524C:B01	M00022069D:G02
M00003773D:C02	M00001421A:H07	M00005528D:A10	M00022071B:D05
M00003789C:E03	M00001422D:D02	M00005530B:D03	M00022071C:D09
M00003790B:F12	M00001423C:D06	M00005534B:H10	M00022075D:F05
M00003793C:D11	M00001424A:H09	M00005548B:E03	M00022081C:G11
M00003796B:C07	M00001425C:E10	M00005550B:D09	M00022084B:F04
M00003797D:H06	M00001426A:F09	M00005565C:A08	M00022085C:C04
M00003801D:F05	M00001426D:D09	M00005589C:B03	M00022090A:G08
M00003805A:G05	M00001431A:C10	M00005616B:D05	M00022093A:A05
M00003808C:D09	M00001431A:E05	M00005620C:C05	M00022093D:B10
M00003809A:A12	M00001432A:F12	M00005621A:G10	M00022094B:G10
M00003809A:H12	M00001432B:H08	M00005621D:F01	M00022106C:F04
M00003813D:A06	M00001432C:G01	M00005631A:A11	M00022110A:E04
M00003818A:F09	M00001433A:C07	M00005632C:D06	M00022114C:B02
M00003818B:A01	M00001434A:A01	M00005637B:D12	M00022117C:G07
M00003819D:G09	M00001435A:F03	M00005642B:C03	M00022128A:D04
M00003821C:E04	M00001435A:G01	M00005647D:D09	M00022139A:C01
M00003822A:G05	M00001435B:G10	M00005655B:C02	M00022149B:D05
M00003825C:B02	M00001435C:G08	M00005703A:C08	M00022150A:H06
M00003825C:B12	M00001435D:A06	M00005704A:B11	M00022153D:D11
M00003833B:A11	M00001436D:C10	M00005708D:B03	M00022157A:F12
M00003834A:A03	M00001437B:B05	M00005710A:C08	M00022157B:A10
M00003835D:H05	M00001438C:H05	M00005720A:D03	M00022169D:C02
M00003839D:G06	M00001439B:F10	M00005722D:G03	M00022170D:H09
M00003841A:E09	M00001439C:A01	M00005743B:F02	M00022175A:A11
M00003841B:D05	M00001439C:G06	M00005763B:H09	M00022176A:E08
M00003843A:B01	M00001442A:D08	M00005765C:C04	M00022178D:H01
M00003844C:D04	M00001443D:A01	M00005810C:D04	M00022183A:G03
M00003844C:H05	M00001444A:A09	M00005813D:F06	M00022189A:A01
M00003846B:H02	M00001446D:B10	M00005818C:E08	M00022198A:C12
M00003850B:D11	M00001452D:E05	M00005818C:G01	M00022199C:F03
M00003852D:D03	M00001453D:F09	M00006576D:F11	M00022202C:F11
M00003859C:B09	M00001463C:A01	M00006577B:H12	M00022206B:G06
M00003868D:F02	M00001466C:F02	M00006587A:H08	M00022212C:C02
M00003868D:F07	M00001471C:G03	M00006594A:E08	M00022216D:C01
M00003871A:E09	M00001488B:G12	M00006596D:H04	M00022218C:B06
M00003884D:A12	M00001489B:F08	M00006601C:A07	M00022218D:B12
M00003887B:C03	M00001489D:C08	M00006601C:E06	M00022220C:F08
M00003888B:A10	M00001490B:G04	M00006609A:G10	M00022221D:E08

ES47	ES48	ES49	ES50
M00003888C:E01	M00001491C:C01	M00006633C:E11	M00022226C:B06
M00003890B:H07	M00001496A:B03	M00006633D:A06	M00022226D:A07
M00003890D:C03	M00001496D:D02	M00006634B:C02	M00022231A:F12
M00003892D:D04	M00001500A:D09	M00006636A:B08	M00022231C:A04
M00003893C:D12	M00001504D:D09	M00006644A:B11	M00022236D:A03
M00003895D:A03	M00001505A:E09	M00006644D:C02	M00022239A:A10
M00003896B:F08	M00001506A:F01	M00006686A:G12	M00022239B:B07
M00003896D:B01	M00001517D:C03	M00006692B:E04	M00022239D:A07
M00003903C:H03	M00001518D:A10	M00006728D:G10	M00022252C:E06
M00003905C:B01	M00001536B:B11	M00006733D:G12	M00022253B:E06
M00003905C:E10	M00001537B:C12	M00006734A:H12	M00022254C:D08
M00003906C:H12	M00001542C:D10	M00006735A:H02	M00022255A:C08
M00003909D:G01	M00001542C:F06	M00006764B:D05	M00022255D:E03
M00003911C:G05	M00001543A:E04	M00006765B:H06	M00022258C:F06
M00003912B:G11	M00001546B:H01	M00006785B:F09	M00022259B:G02
M00003912C:C11	M00001551D:C12	M00006791B:B08	M00022278C:E03
M00003914C:E03	M00001552B:D01	M00006796A:C03	M00022278D:F10
M00003915A:D09	M00001556D:A11	M00006800C:G08	M00022288C:D04
M00003915C:G01	M00001557C:B08	M00006814A:F07	M00022289A:D05
M00003920B:A10	M00001558B:A12	M00006819A:D10	M00022289D:B06
M00003921D:C06	M00001560C:C01	M00006820A:G05	M00022294A:D11
M00003923A:H07	M00001561B:C10	M00006821C:C10	M00022296B:C11
M00003936C:F10	M00001597C:B03	M00006822A:D07	M00022305A:H11
M00003948B:B03	M00001623B:B01	M00006823D:D12	M00022364C:G12
M00003949B:A08	M00001623D:A09	M00006826B:H03	M00022366B:E09
M00003949B:D05	M00001644D:F09	M00006828D:C12	M00022372B:D03
M00003961B:A12	M00003784C:B09	M00006832D:F11	M00022381A:F05
M00003961C:G02	M00003785D:E01	M00006846A:B01	M00022382D:H11
M00003962B:B09	M00003862C:H10	M00006850C:D09	M00022386A:A07
M00003963B:D12	M00003864B:A04	M00006850C:G07	M00022386B:D11
M00003973A:C05	M00003864D:G05	M00006851C:H09	M00022386C:A04
M00003973B:H06	M00003992C:G01	M00006863B:E06	M00022386C:D07
M00003976D:D12	M00003992D:G01	M00006866C:F03	M00022399C:A10
M00003977C:A08	M00003994C:C11	M00006867C:E07	M00022407C:H11
M00003980B:F12	M00003996D:C04	M00006868D:E02	M00022411D:G09
M00003980C:G10	M00003997D:D07	M00006870C:H06	M00022412A:C08
M00003981C:E04	M00003998A:D03	M00006873B:G11	M00022444A:A11
M00003983C:E07	M00003998C:H10	M00006875A:A02	M00022449C:B01
M00003987D:F06	M00003999C:C12	M00006877B:E05	M00022452C:B03
M00004027A:B10	M00004046A:F04	M00006879A:H11	M00022457C:B01
M00004027C:H01	M00004051C:D02	M00006882A:D01	M00022495C:G05
M00004028C:B04	M00004052C:A08	M00006901D:A11	M00022504B:E03
M00004030B:B02	M00004052C:B05	M00006907C:D03	M00022505D:A12
M00004030B:C05	M00004054B:G02	M00006907D:C07	M00022509D:F06

ES47	ES48	ES49	ES50
M00004035D:E04	M00004054D:A03	M00006912B:E01	M00022527A:E05
M00004036B:F09	M00004055B:F06	M00006921B:E01	M00022527D:B03
M00004036C:D01	M00004058B:C11	M00006960D:E06	M00022531B:D07
M00004037A:A07	M00004058C:E08	M00006963A:H11	M00022535D:B11
M00004037B:B05	M00004059A:G09	M00006966C:B07	M00022535D:C04
M00004038C:C05	M00004060C:A02	M00006972A:F10	M00022536B:B04
M00004038C:D12	M00004060D:A07	M00006973C:E11	M00022551A:G03
M00004039D:D03	M00004063C:B11	M00006973D:E11	M00022556B:C04
M00004040B:B09	M00004143A:G12	M00006974B:F06	M00022556B:G02
M00004040C:G12	M00004143A:H07	M00006976C:E09	M00022562C:H10
M00004040D:B05	M00004145C:A03	M00007014C:B07	M00022578B:G05
M00004041B:F01	M00004146D:A07	M00007015C:G05	M00022578D:F03
M00004041D:E06	M00004147A:G03	M00007016C:E06	M00022583B:E05
M00004043D:C10	M00004149B:H12	M00007041B:G01	M00022587C:G04
M00004069D:G02	M00004153D:E06	M00007042A:E07	M00022594B:H12
M00004071A:H03	M00004154D:F11	M00007043A:B05	M00022598A:F11
M00004073D:B11	M00004159D:C04	M00007046A:D02	M00022599D:E07
M00004076D:B03	M00004166B:E10	M00007047B:D01	M00022604B:C11
M00004081C:A01	M00004166C:A03	M00007051D:D09	M00022607B:A04
M00004084C:G04	M00004166D:G07	M00007053B:H03	M00022613D:C04
M00004085B:G06	M00004196C:G05	M00007058A:C02	M00022651D:C06
M00004087C:F05	M00004234B:E03	M00007062A:D03	M00022666C:H11
M00004091A:E01	M00004234B:G06	M00007099A:F09	M00022681C:H02
M00004091B:C12	M00004236D:E07	M00007100C:D01	M00022682A:F12
M00004091B:G04	M00004236D:F04	M00007112B:C06	M00022698C:E06
M00004091C:F04	M00004240D:A07	M00007105D:C07	M00022701B:B12
M00004091D:D09	M00004242C:C02	M00007121A:A05	M00022708A:C08
M00004092A:C03	M00004244B:A02	M00007122A:G11	M00022708D:G10
M00004092A:D04	M00004245A:G09	M00007122B:A11	M00022725C:E09
M00004093D:D09	M00004245C:A03	M00007127B:A04	M00022726A:A06
M00004101D:A03	M00004247A:E01	M00007129A:G10	M00022730A:E04
M00004103B:C07	M00004247B:C11	M00007130B:B03	M00022737A:C08
M00004107C:A01	M00004248A:G08	M00007132D:G08	M00022763A:E10
M00004114C:F02	M00004263D:F06	M00007134C:F07	M00022824C:H11
M00004115A:F01	M00004272D:D02	M00007137D:C10	M00022835C:E06
M00004117B:F01	M00004273D:E11	M00007140D:C12	M00022854D:H07
M00004120A:C02	M00004277D:C08	M00007150A:C09	M00022856A:D02
M00004126B:G02	M00004281B:B05	M00007150A:H06	M00022856B:F04
M00004129A:H08	M00004283C:D03	M00007154A:E04	M00022856C:B11
M00004130C:A09	M00004285B:E01	M00007163A:F11	M00022893C:H11
M00004133D:A01	M00004297D:E08	M00007163B:A12	M00022897A:F04
M00004178B:F06	M00004298B:D04	M00007166B:E06	M00022900D:E08
M00004180B:F04	M00004308A:E06	M00007170D:A10	M00022900D:G03
M00004184B:F11	M00004324B:D09	M00007172A:A05	

ES47	ES48	ES49	ES50
M00004191B:G01	M00004328A:H06	M00007172D:C08	
M00004193A:C07	M00004329C:F11	M00007188A:D03	
M00004193C:H01	M00004331D:H08	M00007189D:A09	
M00004199D:C02	M00004332C:E09	M00007193D:A04	
M00004200A:A09	M00004337D:G08	M00007195B:B02	
M00004200A:G06	M00004345A:H06	M00007198C:A10	
M00004200D:A07	M00004383A:F02	M00007199D:B07	
M00004201D:C11	M00004385C:B11	M00007204C:F09	
M00004201D:E12	M00004388C:D05	M00007929B:H10	
M00004202B:A02	M00004406A:H03	M00007961A:B01	
M00004204A:D04	M00004408D:A10	M00007964B:D10	
M00004204A:D10	M00004410A:E03	M00007971A:B04	
M00004204B:A04	M00004412B:E03	M00007977C:E08	
M00004210A:B09	M00004421A:G04	M00007995D:E06	
M00004216D:E10	M00004447D:D10	M00008074D:C01	
M00004217A:A11	M00004460B:H09	M00008094A:E10	
	M00004465C:B10	M00021611D:D05	
	M00004465C:B12	M00021611D:H03	
	M00004467A:F09	M00021614B:G12	
	M00004467D:F09	M00021618D:D07	
	M00004491D:D07	M00021624A:D07	
	M00004497C:E09	M00021624B:A03	
	M00004501A:G06	M00021625A:C07	
	M00004506C:H10	M00021629D:D05	

Table 24 Library Deposits			
ES51	ES52	ES53	ES54
M00001448A:D05	M00001439B:E02	M00006621A:G10	M00021640A:G03
M00001458B:F06	M00001443A:E02	M00006626A:G11	M00021657B:C08
M00001530A:D11	M00001443D:C03	M00006629D:D04	M00021690B:B06
M00001563C:D06	M00001444A:G12	M00006630B:H06	M00021690C:B07
M00001564C:D04	M00001445B:E03	M00006631D:B02	M00022071C:C09
M00001569B:F04	M00001451B:H11	M00006631D:C04	M00022081C:B11
M00001575A:H02	M00001452B:F09	M00006631D:E09	M00022085C:A07
M00001589C:D12	M00001488B:H02	M00006635C:B10	M00022091B:B07
M00001589D:G10	M00001491D:E07	M00006636A:E06	M00022122D:D06
M00001590D:A07	M00001496C:H10	M00006636D:A05	M00022150D:D11
M00001598C:D10	M00001499A:D01	M00006636D:F11	M00022154A:C01
M00001599A:H09	M00001499A:D05	M00006640A:B01	M00022170D:H07
M00001609A:B12	M00001499B:H05	M00006640B:F05	M00022365A:A01
M00001614C:G04	M00001500B:H07	M00006640D:H08	M00022389B:H04
M00001626C:C10	M00001504C:H11	M00006641A:B03	M00022439A:E07
M00001634C:E12	M00001506D:A11	M00006643A:E10	M00022449D:F06
M00001639A:A04	M00001543A:D03	M00006644C:E09	M00022458B:E06
M00001640A:F02	M00001543A:F01	M00006648C:E04	M00022474A:H09
M00001640A:F04	M00001548C:A09	M00006650A:B11	M00022480B:E07
M00001647C:C07	M00001555D:F11	M00006656C:C10	M00022489C:A08
M00001649B:E08	M00001557B:D10	M00006664B:B04	M00022490C:A08
M00001654D:F06	M00001597A:C07	M00006664D:H09	M00022490C:C01
M00001658B:C07	M00001604B:D09	M00006665A:F07	M00022493C:B07
M00001659D:G08	M00001605D:G01	M00006665B:D10	M00022493C:C06
M00001663C:C03	M00001621D:B09	M00006674B:F04	M00022498C:C08
M00001675C:B03	M00001622C:F06	M00006676B:F11	M00022514A:D04
M00001677A:A06	M00001624A:A09	M00006676D:D11	M00022515D:C04
M00001677A:A12	M00001640D:C10	M00006679C:D07	M00022549B:G07
M00001678D:A12	M00001645B:C09	M00006681C:G04	M00022557B:A08
M00001679C:F03	M00003782D:F04	M00006695B:F08	M00022565C:H02
M00001681A:H09	M00003783C:A06	M00006698B:E06	M00022578D:A08
M00001687C:A06	M00003786D:C06	M00006699B:C07	M00022597B:F11
M00001693D:F07	M00003787B:D07	M00006705B:D02	M00022599A:C03
M00003746B:E12	M00003787D:A06	M00006712B:H10	M00022661B:E11
M00003766A:G09	M00003864C:D09	M00006717A:D04	M00022661D:H01
M00003795A:B01	M00003993A:E12	M00006721C:G07	M00022666B:E12
M00003796C:H03	M00003997B:H04	M00006725A:A03	M00022674D:G04
M00003797D:E10	M00003997D:G11	M00006725A:B03	M00022718D:G05
M00003799B:D02	M00004047B:G09	M00006727B:G08	M00022725C:B03
M00003809B:D08	M00004048D:A07	M00006728C:B06	M00022727B:C05
M00003811B:E07	M00004049D:G04	M00006737C:A08	M00022728A:A09
M00003812B:F08	M00004050A:F02	M00006738A:E05	M00022730D:E10
M00003812D:E08	M00004051C:D10	M00006739B:B10	M00022735B:B01



ES51	ES52	ES53	ES54
M00003815C:A06	M00004058B:F12	M00006739B:B12	M00022745A:B04
M00003815D:D01	M00004060C:A11	M00006739C:H07	M00022856B:D07
M00003816C:F10	M00004064A:B12	M00006743B:G12	M00022901D:C09
M00003818C:E09	M00004066A:E12	M00006744C:C06	M00022902D:D03
M00003819A:B09	M00004067C:D08	M00006745D:E08	M00022953B:C07
M00003819C:E04	M00004134A:F08	M00006751A:F03	M00022960D:E08
M00003820A:H04	M00004134A:H04	M00006758D:C01	M00022963A:D11
M00003820D:E02	M00004134C:B11	M00006760D:G12	M00022968A:F02
M00003824B:D06	M00004140B:B01	M00006763B:B11	M00022980B:E11
M00003825B:D12	M00004143C:F08	M00006769D:A04	M00022980C:A09
M00003826B:D01	M00004144D:B06	M00006770B:C05	M00022993A:F02
M00003829A:E02	M00004152C:E01	M00006771A:E06	M00023003C:A03
M00003832B:G03	M00004159D:H07	M00006771A:H07	M00023011A:A06
M00003833D:D06	M00004160A:A01	M00006771B:A09	M00023021A:H08
M00003835A:E03	M00004161B:A12	M00006771B:F03	M00023023A:B12
M00003837C:F05	M00004163A:D11	M00006774D:C01	M00023028A:A02
M00003839C:B05	M00004164D:D02	M00006777B:D10	M00023033A:E10
M00003845A:A05	M00004165C:E09	M00006779B:A11	M00023034C:E05
M00003846D:C12	M00004166A:F02	M00006779D:D03	M00023036D:C04
M00003857C:A03	M00004167C:F10	M00006780A:H12	M00023094A:C04
M00003858A:D01	M00004169A:B11	M00006789C:F04	M00023103A:E11
M00003860B:A07	M00004200B:B04	M00006790D:A05	M00006754B:D05
M00003868B:C07	M00004222A:H10	M00006796A:H10	
M00003881D:D09	M00004223D:D07	M00006797B:D12	
M00003883D:C03	M00004225D:F01	M00006801A:G05	
M00003884B:E06	M00004228C:D11	M00006805A:E11	
M00003886C:D10	M00004229C:G11	M00006805A:H09	
M00003903C:A12	M00004239C:A07	M00006805B:C04	
M00003912C:H01	M00004239C:C09	M00006807D:D08	
M00003915B:G07	M00004240D:E06	M00006813A:C04	
M00003920D:D09	M00004241B:B01	M00006822D:D05	
M00003926B:E03	M00004243C:E10	M00006825C:D06	
M00003934D:F01	M00004266A:F10	M00006831B:B04	
M00003958C:C10	M00004266B:H06	M00006832A:F05	
M00003965A:F07	M00004268C:F08	M00006832D:F10	
M00003972C:F02	M00004268D:G07	M00006833B:E11	
M00003974B:A04	M00004269A:B11	M00006872B:G01	
M00003974C:A05	M00004269D:E08	M00006875D:D10	
M00003975B:H09	M00004276C:E12	M00006879D:A10	
M00003976C:C05	M00004277B:C06	M00006882D:F03	
M00003980C:A11	M00004277C:H11	M00006884D:D06	
M00003987A:C07	M00004279D:E02	M00006908C:A05	
M00003988B:C10	M00004281B:B03	M00006921B:C02	
M00003988C:A06	M00004284B:F07	M00006921B:E03	

ES51	ES52	ES53	ES54
M00003989C:F01	M00004287B:B12	M00006949B:F03	
M00004028C:D01	M00004287C:B06	M00006960A:G11	
M00004029A:E01	M00004297D:B08	M00006966D:G03	
M00004030A:E09	M00004332B:D02	M00006974B:D06	
M00004031A:G05	M00004332B:E11	M00007013B:F02	
M00004032D:D03	M00004346B:D06	M00007014D:C05	
M00004033C:D10	M00004389C:E01	M00007014D:D04	
M00004034A:E08	M00004403A:B05	M00007030A:G01	
M00004035A:A10	M00004407D:B09	M00007030C:F08	
M00004035B:H11	M00004419D:G01	M00007053B:C07	
M00004035D:C05	M00004449D:H01	M00007065B:B12	
M00004037B:A09	M00004463C:F11	M00007065D:C01	
M00004037C:C05	M00004466A:E09	M00007075C:D08	
M00004037D:B05	M00004469A:C12	M00007085A:B07	
M00004044A:F08	M00004470C:A02	M00007118C:G02	
M00004068A:F02	M00004498B:E01	M00007119B:H10	
M00004068B:D04	M00004509A:H02	M00004824C:G09	
M00004068D:B01	M00004605C:A09	M00004826A:E09	
M00004069B:B01	M00004609C:C11	M00004839C:B01	
M00004073D:E01	M00001378B:F06	M00004840C:F02	
M00004075A:G10	M00005294C:G08	M00004840C:H05	
M00004075C:C09	M00005294D:H02	M00004845D:E11	
M00004076A:E02	M00005330C:F09	M00004846A:D02	
M00004077D:D10	M00005333C:C08	M00004846D:H09	
M00004078A:F03	M00005342B:G10	M00004854A:C09	
M00004078C:A08	M00005352C:G09	M00004858D:E06	
M00004084A:D11	M00005352D:E06	M00004999A:F01	
M00004086A:A03	M00005353B:B09	M00004999B:D12	
M00004086D:A07	M00005359B:G01	M00004999D:E01	
M00004088A:F12	M00005359D:H08	M00005004B:C11	
M00004089A:F02	M00005377A:A04	M00005005C:E06	
M00004089A:G03	M00005377A:D05	M00005009B:A02	
M00004093A:F03	M00005385C:D08	M00005015D:D11	
M00004097C:A03	M00005388A:F07	M00005457D:C08	
M00004102B:B04	M00005388D:B11	M00005519B:H04	
M00004102C:F07	M00005392C:C04	M00005519C:F08	
M00004103B:C09	M00005393A:E11	M00005531B:A03	
M00004103C:F11	M00005394A:G07	M00005535B:F06	
M00004104A:H09	M00005396B:C04	M00005587B:H02	
M00004104D:C09	M00005399B:F02	M00005685A:A04	
M00004108A:D04	M00005400A:D02	M00005706D:A09	
M00004109B:A01	M00005403D:E11	M00005711A:H01	
M00004126D:B11	M00005406D:B08	M00005798B:C11	
M00004133C:B02	M00005411D:E05	M00005799C:C12	

ES51	ES52	ES53	ES54
M00004182D:H03	M00005415D:G02	M00005805D:E06	
M00004183A:D06	M00005417C:E10	M00005827B:H08	
M00004186B:E05	M00005419A:D05	M00005828D:C09	
M00004187C:H09	M00005419C:D09	M00005837A:D12	
M00004188A:E05	M00005443D:C12	M00006751B:B11	
M00004188A:E10	M00005447B:D02	M00006754B:D05	
M00004190A:C12	M00005448D:E08	M00006756B:B08	
M00004190C:G07	M00005450A:A02	M00006757D:E04	
M00004190D:A10	M00005450A:B10	M00006758A:B12	
M00004190D:G12	M00005450D:D02	M00006758D:C04	
M00004198D:H04	M00005451A:E03	M00006834A:C08	
M00004202B:F04	M00005456B:B07	M00006835B:F04	
M00004202B:G09	M00005456B:E03	M00006837C:G06	
M00004206C:G11	M00005460A:B10	M00006841D:A08	
M00004213A:H12	M00005465C:H02	M00006855C:H02	
M00004214A:D03	M00005466A:F12	M00006855D:H02	
M00004218D:F12	M00005468B:D04	M00006859A:F06	
M00004249C:E12	M00005470B:E01	M00006860B:H01	
M00004249D:G02	M00005473D:E10	M00006886A:D06	
M00004252D:A07	M00005483A:F05	M00006893C:B02	
M00004253D:F09	M00005483D:A02	M00006893C:F02	
M00004257C:A08	M00005487A:H01	M00006895D:E10	
M00004262C:C01	M00005489A:F06	M00006917C:E07	
M00001339B:E05	M00005493B:A12	M00006919B:C03	
M00001341A:A11	M00005493B:E01	M00006923C:B01	
M00001346A:B09	M00005497C:C10	M00006926A:H11	
M00001346B:A07	M00005505A:C08	M00006934A:G02	
M00001346B:G03	M00005508A:H01	M00006936B:E09	
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M00001348D:H08	M00005534A:G06	M00006937B:G09	
M00001352C:E01	M00005539D:G07	M00006939B:E05	
M00001362B:H09	M00005571A:E11	M00006953D:H11	
M00001370A:B01	M00005619C:H10	M00006980A:F02	
M00001370B:D04	M00005625D:C03	M00006986C:G11	
M00001374C:C09	M00005626A:B11	M00006989B:C11	
M00001376A:H02	M00005635B:A06	M00006990B:H09	
M00001378B:F06	M00005635C:F11	M00006991A:E07	
M00001380C:D10	M00005636C:D11	M00006991D:G07	
M00001383C:C07	M00005637D:C05	M00006995C:A02	
M00001384A:C09	M00005641B:E02	M00006997B:E06	
M00001391D:A07	M00005645D:F08	M00006997D:B03	
M00001391D:A09	M00005646C:B09	M00007006D:D04	
M00001396C:G02	M00005646D:B03	M00007010B:C11	

ES51	ES52	ES53	ES54
M00001397A:F10	M00005655D:C04	M00007010B:H03	
M00001397B:E02	M00005703C:B01	M00007012B:D07	
M00001397B:H11	M00005720B:D09	M00007031C:D01	
M00001399D:F01	M00005722A:E09	M00007032A:F11	
M00001400D:B08	M00005762D:A01	M00007033A:H05	
M00001402C:E09	M00005783A:C05	M00007033D:F04	
M00001406A:G12	M00005812C:F10	M00007036A:D02	
M00001406D:B06	M00006581C:D02	M00007037B:D04	
M00001408A:B02	M00006581D:H08	M00007084B:A05	
M00001409C:D01	M00006582A:B09	M00007093A:F09	
M00001411C:F02	M00006582D:E05	M00007099C:F09	
M00001411D:C01	M00006592A:D03	M00007101A:A11	
M00001412D:C03	M00006594D:F09	M00007107A:D11	
M00001417B:C07	M00006596A:F07	M00007121C:H01	
M00001417C:A09	M00006601D:F04	M00007129A:E04	
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M00001421C:A03	M00006607B:E03	M00007134B:G07	
M00001426A:C02	M00006607B:F04	M00007146D:G01	
M00001427A:C05	M00006615D:F04	M00007148B:C06	
M00001433A:F04	M00006616C:H09	M00007160C:B08	
M00001434C:D05	M00006616D:C08	M00007161A:H03	
M00001435C:H05	M00006617B:D09	M00007192C:H08	
M00001438A:H10	M00006619B:C11	M00007200B:C02	
M00001438B:H06		M00021619B:G10	

We Claim:

1. A library of polynucleotides, the library comprising the sequence information of at least one of SEQ ID NOS:1-2702.  
5
2. The library of claim 1, wherein the library is provided on a nucleic acid array.
3. The library of claim 1, wherein the library is provided in a computer-readable format.
- 10 4. The library of claim 1, wherein the library comprises a polynucleotide corresponding to a gene differentially expressed in a cancer cell of high metastatic potential relative to a control cell, wherein the control cell is a normal cell or a cell of low metastatic potential, and wherein the sequence is selected from the group consisting of SEQ ID NOS:1213, 1538, 1466, 1356, 1383, 1158, 441, 1338, 1426, 1547, 1313, 841, 1534, 1503, 829, 1408, 1447, 1389, 356, 1492, 1543, 799,  
15 1437, 1251, 972, 1482, 1299, 109, 1558, 1355, 1548, 250, 919, 358, 1525, 1157, 150, 651, 1298, 57, 625, 1322, 36, 621, 215, 561, 247, 199, 998, 502, 1382, 1181, 1309, 1157, 1260, 1185, 1525, 248, 87, 698, 57, 924, 1249.
- 20 5. The library of claim 1, wherein the library comprises a polynucleotide corresponding to a gene differentially expressed in a cancer cell of low metastatic potential relative to a control cell, wherein the control cell is a normal cell or a cell of high metastatic potential, and wherein the sequence is selected from the group consisting of SEQ ID NOS:248, 726, 14, 699, 763, 20, 79, 715, 991, 1199, 707, 1128, 891, 1146, 731, 1518, 340, 949, 1247, 1185, 924, 822, 728, 341, 1527, 698, 949, 744, 973, 1268, 1114, 1032, 109, 973, 91, 982, 1267, 93, 1556, 1251, 1206, 812, 1254, 1220,  
25 766, 1156, 1007, 981, 762, 876, 1234, 1183, 1044, 785, 1069, 770, 778, 792, 822, 1258, 1224, 984, 841, 339, 1213, 1201, 1192.
- 30 6. An isolated polynucleotide comprising a nucleotide sequence having at least 90% sequence identity to an identifying sequence of SEQ ID NOS:1-2707 or a degenerate variant or fragment thereof.
7. A recombinant host cell containing the polynucleotide of claim 6.
8. An isolated polypeptide encoded by the polynucleotide of claim 6.  
35
9. An antibody that specifically binds a polypeptide of claim 8.

10. A vector comprising the polynucleotide of claim 6.
11. A polynucleotide comprising the nucleotide sequence of an insert contained in a clone deposited as ATCC accession number xx, xx, xx, xx, xx, xx, xx, xx, or xx.
- 5
12. A method of detecting differentially expressed genes correlated with a cancerous state of a mammalian cell, the method comprising the step of:
- detecting at least one differentially expressed gene product in a test sample derived from a cell suspected of being cancerous, where the gene product is encoded by a gene corresponding to a sequence of at least one of SEQ ID NOS: 1213, 1538, 1466, 1356, 1383, 1158, 441, 1338, 1426, 1547, 1313, 841, 1534, 1503, 829, 1408, 1447, 1389, 356, 1492, 1543, 799, 1437, 1251, 972, 1482, 1299, 109, 1558, 1355, 1548, 250, 919, 358, 1525, 1157, 150, 651, 1298, 57, 625, 1322, 36, 621, 215, 561, 247, 199, 998, 502, 1382, 1181, 1309, 1157, 1260, 1185, 1525, 248, 87, 698, 57, 924, 1249, 248, 726, 14, 699, 763, 20, 79, 715, 991, 1199, 707, 1128, 891, 1146, 731, 1518, 340, 949, 15 1247, 1185, 924, 822, 728, 341, 1527, 698, 949, 744, 973, 1268, 1114, 1032, 109, 973, 91, 982, 1267, 93, 1556, 1251, 1206, 812, 1254, 1220, 766, 1156, 1007, 981, 762, 876, 1234, 1183, 1044, 785, 1069, 770, 778, 792, 822, 1258, 1224, 984, 841, 339, 1213, 1201, 1192
- wherein detection of the differentially expressed gene product is correlated with a cancerous state of the cell from which the test sample was derived.

## SEQUENCE LISTING

<110> Williams, Lewis T.  
Escobedo, Jaime  
Innis, Michael A.  
Garcia, Pablo Dominiguez  
Sudduth-Klinger, Julie  
Reinhard, Christoph  
Giese, Klaus  
Randazzo, Filippo  
Kennedy, Giulia C.  
Pot, David  
Kassam, Altaf  
Lamson, George  
Drmanac, Radoje  
Crkvenjakov, Radomir  
Dickson, Mark  
Drmanac, Snezana  
Labat, Ivan  
Leshkowitz, Dena  
Kita, David  
Garcia, Veronica  
Jones, Lee William  
Stache-Crain, Birgit

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PRODUCTS V

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<151> 1998-05-14

<150> 60/085,537  
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 cattgtgtga ttagattgca ttttctttat ccgtctgttg atggacgttt ggggttgtn 120  
 cacncttntg ccngagntcg aaacnnnctn ananactat gctgtggncn cntgccnatn 180  
 tctncanctc aanngnnnca gncgttacnc nntnntgaan anncngncan ncancnacnn 240  
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 gcctcccggg ttcacgccat tctcctgcct cagcctcctg agtagctggg actacaggcc 120  
 cctgccnate taattctttg gntaaanntt ntcnntcttg natctccatn gccatgatnt 180  
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 taagggtctaa ttttttaact tttattaatg aatacctttt ttaaaatagg tttttgtgct 120  
 attatgggtta ttgacctagt ttgatactca aaacatgact cttagtctaa cttanngntg 180  
 tttaaacctg agtancncnc agaccctttt tnanngnnaa cnnantttctc ntggatccca 240  
 gctgttgten ttttgtnggn cncntntnt ntngnctng tntantncaa cntctgctcg 300

<210> 4  
 <211> 288  
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gttcactaat cccttctccc caccctgctt ccttttagacc catgttaate tattacctnn     180
gagcngctct agattctaga gttgncantg actaatntcn cngannctct nattctgttg      240
agcttaatng nctctcnaat ttntactga tggtccnttn ttagactt                    288

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<210> 5
<211> 292
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<213> Homo sapiens

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<223> n = A,T,C or G

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ctcaccata agacagtcaa cgactnnann cnangancac agagggnatg nggtcggcnc     120
ncagagtgca tggtggcgcg tgcgtgntag natctcgag gtgttgcneg cangagttaa     180
ccagagtcaa tgccnnacac atagtatgag aagagcactt tntaagagnt naattnattt     240
gagnnnangt attttngnnt ntgtanttg cncgcttttt tnaangctat aa              292

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gagccgagat cgccccactg tactccagcc tgggtgacag agcaagactc tgtctcaaaa     120
aaaaaaaaan nccnnngna aanttttnng nannggataa ntnggttnc ngggtnggaa     180
atnantnta ncnggnaagg gnaaaaaaag ggnggttant tngnggttt tnaaanaccc     240
caaatnaaaa aggnnggtt ttaccnggn aaangnnaat gttcaaa                    287

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<213> Homo sapiens

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<223> n = A,T,C or G

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ggcacatgac tgtagtcca gctactcagg agactgaggc aggagaatca ctcaaacctg     120
ggaggtggag gttgtagtga gcngcatca ngcccnttnc actncannct atgntaccnn     180
nctgaanntg tctcatnaa ctaatncata aatnnaacc gttnctact gtgttncca        240

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nactgctctc anntntctgg acntcacnnt cctctctcta acctctctct ccca 294

<210> 8  
 <211> 289  
 <212> DNA  
 <213> Homo sapiens

<220>  
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 <222> (1)...(289)  
 <223> n = A,T,C or G

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 gaaagattgt ggccagatgt gcatgggctt gctgtctagt tgttgttttc antngatagt 60  
 ggggnttgcc naaanctttg naacagctta cntaatatta ctntnttttt atnnnngntg 120  
 ctngatnttt nanctncntt gtcaaaaangn aggcattgtt acnanantaa ntnancnttt 180  
 tganancncc tatgctgttt nngngagatt ctgcttnaac ccttgatacc ttcttggnnc 240  
 ntnannntta tntgacttc tttttacaga cactnntgtt cacacactt 289

<210> 9  
 <211> 276  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(276)  
 <223> n = A,T,C or G

<400> 9  
 ttttttgtat ttttagtaga gacgggtttt caccgtgtta gccaggatgg tctcaatctc 60  
 ttgacctcgt gatacgcccg ccttggectc ccaaagtgtt gggattacag gtgtgggcca 120  
 ccacaccag cctttttttt tttttttttt gnaaaanaag ggncaattt tnnccaaaa 180  
 ccnnggnngn aggnnngggc ccaantnngg gntaatngaa nctcnnct ccagggtncn 240  
 nggnttttta ngncctaacc cncngnngaa ccggga 276

<210> 10  
 <211> 285  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(285)  
 <223> n = A,T,C or G

<400> 10  
 gaatcacttg aaccccagag gcagaggctg aagttagcca agattacgtc actgcattcc 60  
 agcctgggtg acagagcgag actccatctc aaaaaaaaaa aaaaaaaaaa aannngnncc 120  
 ttnaaaattn ntngggggcn tnttttcnaa ngnnaaaccn tttatntncc ctngngggnn 180  
 ngggnnnanc cngnnntnna angganggna aaaaanngnt ttttngaaaa ntngggnnan 240  
 tntttntttt ttttnnanc ntnntaaggc ntnggnnaaa aggtt 285

<210> 11  
 <211> 288  
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<213> Homo sapiens

<220>

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<400> 11

ggctggctcat	gcctgtagtc	ccagctattc	aggaggtcga	ggcatgagaa	tcgcttgaac	60
ctgggagtag	aggttgca	gagctgaaat	tgcaccactg	aactctagcc	tgggcaacag	120
agtgagactt	ggtctcaaaa	aaaattaaaa	ataaaaaata	aattgggggc	tgagtgtggt	180
gntnangntn	tantntcnn	ttcttangna	ncttgnatnt	tttnaaatnt	cgnnttttng	240
tntnntttn	tttttttnat	nnaatntagnt	nttntntc	nttttttt		288

<210> 12

<211> 299

<212> DNA

<213> Homo sapiens

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<222> (1)...(299)

<223> n = A,T,C or G

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tggagggtgc	agtgagccga	gatcgcgcca	cttcactcca	gcctgggcga	aagagcgaaa	120
ctccatctca	aaaaaaaaaa	gggaanttna	aaannaccng	caaatgtntn	gttngggaan	180
ntttntgnag	ggtngngncc	nttnggncct	ttacntaacc	ccnggantnc	ntttaagggn	240
aangngggtg	aaggntgttn	aancncnggg	ngtncntgtn	taaaanangt	ttggttccc	299

<210> 13

<211> 300

<212> DNA

<213> Homo sapiens

<400> 13

ggaaagccct	ttgtcatgaa	tctgcaggat	ctgtatatgg	cagtcaccac	acaagaggtc	60
caagtgggac	agaagcatca	aggcgctgga	gatcctcata	cctcaaacag	tgcttcctctg	120
caaggaatcg	atagccaatg	tgtaaaccag	ccagaacaac	tggtctcctc	agcccccaacc	180
ctctcagcac	ctgagaaaga	gtccacgggt	acttcaggcc	ctctgcagag	acctcagctg	240
tcaaagggtca	agaggaagaa	gccaagggtg	ctcttcagtt	aatctgttgt	ggcctcagct	300

<210> 14

<211> 270

<212> DNA

<213> Homo sapiens

<220>

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<222> (1)...(270)

<223> n = A,T,C or G

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gccttatgtc	ttgggagcct	gttttgctag	gcaaagttac	aagtgccta	atgggagctc	60
aatgtgtgtg	gtgtctctct	gtgtgttgtg	gtgtgtgtgt	gcactcaaga	cctctaacag	120

cctcgaagcc tggggtggca tcccngcctt gccattaaca tgcctcatgc atnatcagat 180  
 gacaaggaca accctnatga cnaatcaaca tgaattaggg ggctcttgn tcttggtcca 240  
 aaattgtcan tcagnnatga ncatatagga 270

<210> 15  
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 <212> DNA  
 <213> Homo sapiens

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 tataagatta ctttcatgtt ggatagtgct gctatgataa cagtacatac tccaaggaga 60  
 ggattaatag acgtaaagcc tcttggtgtt atatggggaa agttttcggg gttttacagc 120  
 acgaaaaanca ccattatgtt ngatgacata gggagaaatt ttctaataa gccacnaatg 180  
 gactaaagat taggncttt nttngangcnc cccttnattn nnntnanccc nccnacnttt 240  
 taaatccnct nanntncctt caggngatng cccanttaga tgactttttg gatctaaatc 300

<210> 16  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

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 ctttttatag tgggtggctgg caagaaggaa gcagttctcc acgttctcac ctaagcccag 60  
 agcaaggaac aggtataata agtggaaaat cttggaataa gtataattat catccagcct 120  
 cccagaagaa tactcaacaa cccttggcca agcatgaacc aaggaaagag tccattaaaa 180  
 agaccaaaca tttagattg tcacagcctt ctgaagttac tcattataag tcaagcaaac 240  
 gagaagtacg aacatctgat tcttccagcc atgtttccca gtctgaagaa caagcacaga 300

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 <223> n = A,T,C or G

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 ttattcttac tagcatcact gtcagataat tgagcgtgag agcattcagt gctgtgtgct 120  
 tggtagaag nagtaacatn aatttagagt tnagtnntcc antttgnatc ntengcaann 180  
 gcatctntga ncnntgcgcc ngtganntnn nnttatgna ntatctnatn tnnnnngnan 240  
 ngcnnaaac 249

<210> 18  
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 <212> DNA  
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<400> 18

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ggatgctgag atgatagtc ttttgaccag gatgtctcaa gtatccaagc ccagaaatca    60
tctcttctag gctgaatcaa gatggtttgc ataagagacc atgcagatgc acgtctctgc    120
tatcttacat taaaaatgca gaatggctca cctgcccttt gttgtcatat gttatataga    180
aaaacctatt tgcattgagaa ctgtcaccca cagttttggg tagggtcagt gtgtgccact    240
gagcaggaac gccgagggcc ataacctgtc taatgtatta aattctcagg aatcgggatt    300

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<210> 19

<211> 300

<212> DNA

<213> Homo sapiens

<400> 19

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cgctgggtgc aggagtattt tcatattcca ataccgataa atctttgagg tgattttggt    60
tgatcacgat tggggtttct gtggagccag taataggggg tgctcagaggt gcctgtggag    120
ttagtgattg cggtttcagg ctctcgggtgat ggggttctgt ggcgtccgtt gttgattgtg    180
acggatttct caggtttctg ggtgtctctg gggagccctt gggccagatt ttctctaga    240
ctccagccca tctcttcaga gcagctctgc ttgagttcac agatgactgc caagcttcag    300

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<210> 20

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caaactgcag cagtactttc caaaggctcc tgagtttcca agttacaaag agtgctgttc    120
acagtgcag attttagaaa gagaagggga agaaaatgaa gccttacata agatgattgc    180
aaacgagcaa aagacttctc tcccaaattt gttccaggat aaaaacagac cgtgtctcag    240
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tttcattatg agattgtact gcaaatgaaa gaaagaggag gtgggggtgt ctgggcttgg    180
ttacagctgg gtgtttatca caggcattta taagaagtta gtacactttc aggccctctg    240
acaggaagct ttgtaacctg gcattcatgt catgccagca ttaagtttag agaaatgctc    300

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gagccgagat cgccccactg tactccagcc tgggtgacag agcaagactc tgtctcaaaa    120
aaaaaaaaan gncccnngga aanttttngn gannggntna gtnnggntnc ngggtnngna    180

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nttantnnta ncnggcaagg gcaaaaaaag ngngggttant taggnggntt tncaccnccc 240  
 caantgaaaa atggnggggtt ttaccccggtt gaaatggana tntcacagat 290

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 aatcccttac taccctgaca ccgtgggtac tactgtattt cttttcaagg tgcaatttgc 180  
 ttcagagttc cagtcagcta gattaagcaa gaggtccag aagaaatgtt tacttgaatt 240  
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 ctncctnttg ccntttntgn ccnttnnttt ctntnntngt tgnnctngt gnncttgtg 180  
 gngnttttnn nggcttgctt nttntgagn tttntctttt nttntntatt cntttcnenn 240  
 tgnntgtnnt nttgntntnt tntgttttnc ta 272

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 atcaaagaac ttagcctcat ggaccagga aagcattgct ccaaaccctc ttgctaaaga 180  
 agagctgaat ttcttgcca ggctgatggg agggatggag attaagaaac ccagtggccc 240  
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<210> 26  
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 <212> DNA  
 <213> Homo sapiens

<400> 26

gccagcatga aaaccaggaa aactgctttt aactttcaag ttagtgaata tccaaggagg 60  
 atatacctgc cctatcccta aactgagctg atgaggctct gatagggttc aagggtgtgt 120  
 gacttctagt tctgattcca acccaatagg gccatctcac agcccatct ctgcatatta 180  
 gtttctccgg ttggaccctt aggctgaaac attgctatct tcctcctgta catgcagcag 240  
 gcctgttttt tggctaaaga aagtaatgaa aggttcagtt tagaaatgac aggccaggcg 300

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 <223> n = A,T,C or G

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 gtgcatcttt tgtggagccg gaaggtaatt tttttaattt cactgactcg ctttccttct 180  
 ggagagtctg aaaggttgct gagatattag cactgacccct taatgccacc tcagagagct 240  
 ttgggatcag gcggcacttt gacaggcgat cacagngttg naaatnaggc actccagggg 300

<210> 28  
 <211> 262  
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 <213> Homo sapiens

<220>  
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 <223> n = A,T,C or G

<400> 28  
 gggctttgaa gatagctttg aggaagaaga ggaggaagaa gaagatgatg actaagcagt 60  
 actctgaatg gaccacagtg tttgcacata tttgcaattt tttgctgntt tggaagngta 120  
 tcataaacca gantcagnac agaactgatg ntgagggagg ggnacgntct cttttgtatt 180  
 ttatttnnncn cnntnnnntg ttctnngnctg nnnntncnat cncntnngnn tttnnccntn 240  
 aatnnanmtt tttgtnnnnn tc 262

<210> 29  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 29  
 ctgcgcgaat gggctgcctg tggacatcac caaggtgccg cctgcccctg tcaacaagga 60  
 cgactttgcc ctggtccagc ggcctggccc gggctctgtct caggaggccg cccggcgcta 120  
 tggatgaactc accaagctca tacggcagca gcacgagatg tgcttgaacc actcaaacca 180  
 attcaccag ctgggcaaca tcaactgaaac caccaagttt gaaaagtgtg cggaggactg 240  
 taagcggagc atggacattc tgaagcaagc cttcgtcccg ggtctcccca cgcccaccgc 300

<210> 30  
 <211> 297  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(297)  
 <223> n = A,T,C or G

```

<400> 30
aggatcagga agtttgtgct ctctgcgtgg ctaagttttt cacctactag gacgggggag      60
gtgtgggagg ttttgggtgn cttctaagat acnnnacnag nttcnnnctg ntccccaccn      120
taaccagaa tnnctatatt atcaggcgcn natgaccact ttaacttacc gngnccgang      180
tactgnaatt nnccatanct ntgaacnnan natnnnttgt gaggattaca gcacttgcga      240
gatgantncc actgctgaaa nattcttngn gactctantg ttatnccctt taccctt      297

<210> 31
<211> 300
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(300)
<223> n = A,T,C or G

<400> 31
gcaaggtgca gtagctcacg cctgtaatcc cagcactttg gaggccgaga caggaggatt      60
gcttttagacc aggagttcag gaccagcctg gccaacacag tgaggccctg tctacaaaaa      120
attaaaaata tcacttagaa aaatcaaata ttcttgaaaa agtttagact tgcaaatata      180
atatggggaa aatggacang cnaccnattn actctagttc naaaatacca agccgactgn      240
ctnncattaa gttnnagaag cnnaagnagg anttaacagc tccatganga ctnttgatga      300

<210> 32
<211> 282
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(282)
<223> n = A,T,C or G

<400> 32
tagaagaaac acacagaaca agcagcctga catgtaacag agcaggaagc ccccccattgt      60
ccacctctac ctcatthtgt caagtettca agagacctcc agggccagtc actgtgaatt      120
cattcctctg gggttaggca ctcacctccc cgccacccca gagaggtagc atattaaatc      180
attaacagaa tctaataata nggggccctg tgattactgg gaacncgttc ttctgaatta      240
tatgcnngng anccntantn cntgnngnan gnnctttaa gg      282

<210> 33
<211> 296
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(296)
<223> n = A,T,C or G

<400> 33
aggccttttc cccacttctt aaccttcact gagagggtgg ttggggctctg tttcactcca      60
tgtgtcctag atcctgtgct acagaccttc ctttctgtcc tcccgctctg gacctcagtc      120
ctgggggctc caaagtgtct ttcgtgcagg tagtgtgatt acccaacctc ctgctganct      180
anccatttcc cgnccccccg ggacacgttc tctctgccaa tngncttctt gnetgagctc      240

```



cccaagctcc atctgtcatg ctgngnagcc canntggcgt tcanaatngg tctggg 296

<210> 34  
 <211> 261  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(261)  
 <223> n = A,T,C or G

<400> 34  
 gctacagcca ttacagtcaa ctagatttga gtgctgccgc tggtaagtta attgaatagc 60  
 caagttatgt tgtccttacc caagtagaca gtggaaagga ataatggcan aggccatgat 120  
 gcgagtntgg cncanccat gcatncntc tgnngtntc ttagttctgt natactctat 180  
 gttttangtt anttacetaa atcatntntg aatcangnnt nattttntnt tntatgtatc 240  
 nnanngntnta nttttntntg t 261

<210> 35  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 35  
 ttcaaatttc tgtgcccttc tctcctctcc ttggttctct cccatgtttt gtcaaacttc 60  
 ccacacccag ctccttaaac aaagggactg gctaggtcag gcagaggttg agtcaagagt 120  
 gctcaggtgt cccaggatga ctgtcaagag tgggtggcagc tctcctatgt ctcagccccc 180  
 caggagcacc tcagccctgc aacggcatca aactgggtgg cacacactag tatggagcca 240  
 gaaatcagtc agtgggaata tgatgcaccc aattttacag tgactgtgtc ctgaaactcc 300

<210> 36  
 <211> 261  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(261)  
 <223> n = A,T,C or G

<400> 36  
 gcctacacta gtgaattaat ctgaaaggca ctgtgtcagt ggcattggctt gtatgcttgt 60  
 cctgtggtga cagtttgga cattctgtnt tcatgaggac tcacagtcga ccntcatggt 120  
 actttctttg nnnnaactctn ttnccttggn tgactgcntg ctngatntn tntcntnnn 180  
 caaangtngc cnnntttagt nntncgttag agatncangn gnnggntnnc tgttaaatnt 240  
 cgnnnnnnct tnnncanatt c 261

<210> 37  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 37  
 catgtggtgc acaggtcgga tggtaaattt cagatctttg cctatagagg gaaagttcct 60  
 tgggttggtga gttacagacc tgccagggga gtccctgcagc cagacaccct gtccattgct 120

agccatgcat cattaccaaa tatatggacc gcatggcaag ccataacccc cttggtggag	180
gaactgaatg tcctacttca ggaatggcct ggactgcact acaccgtgca cattctctgt	240
tctaagtgcc ttaagagagg atcgcccaat ccacatgctt ttccaggga atctgctgtg	300

&lt;210&gt; 38

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 38

aaaatgagag tattttcttt tctcccttca tttacctggg tgttttggt caccaaagag	60
ttgtgttctg caaatgtctg ggcaatccat ggagctaaac tggcattaga gtcaagtaac	120
actcctctc tctcctgtt cttttcctta aaatcttcaa aggcattggg ggttttacct	180
tagcaacttg ctatttcgtc ttcttagttt gaaccttcaa atatagctgg atataataaa	240
atgctcctca aatgaggaag taccagaaag accagatgca tggctctcatg cttcccttgt	300

&lt;210&gt; 39

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 39

cttcagcata caccctcagg gagtcacagc cttccaacgt ccattcatgg agcccaggtc	60
caaaacctgt gatccgagaa taggataacc cttttctgcc catagggtgt tttccaaaga	120
cctttcattg ctctgggtta cgtgggaaac aacaaaacag aaccatcccc cgactggtc	180
agctgctacg ggtcacgcca gggaaaagtg tggactgatg tatttcgttg tttaccatgt	240
ttctagccag agctaatttg aaaataggtta tcccaagaac cagactgcag gagtatccca	300

&lt;210&gt; 40

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 40

gaggaactcc ccaggcattc tgtgagatgg tagtgttcac agcgctgaca gatgtccctt	60
tgacacagtc ctggggctct ctctgcacaa cagaaaggag ttttgtgaca aagttgatgg	120
aggagggttag gtatttaatt aggactagcc agggagggca gggactctgt taagcagtga	180
at ttgtcaaa attttacttg taccaggtgg gaagataact agctgtggaa gcctgttctg	240
agatgccctg ccatggccaa tgactgggtta accacaaggg tcactaaaag agagggtttc	300

&lt;210&gt; 41

&lt;211&gt; 298

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(298)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 41

ggaacctcac ctgtggctca gctcacccca catccgtttc tcattacgtg taaataaact	60
gtcagagctg atgttacagc ttttacagtt taaagcattc ccctcgtctc tagttccttt	120
ttnttngntt acatagtntn ggcaactttcc ctgattcacn anctttcngg gnngangagn	180
ggagnaggng gggcgtnatc nggtgnattn ngngngnnnn gnngtgggaa ggntntggcg	240
ngnngcngnt atntgggagn gtgggnagtg gtgggntnt antnngtgac ntggattg	298

<210> 42  
 <211> 298  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (298)  
 <223> n = A,T,C or G

<400> 42  
 gcttggtctg gggaaagctc atataagtat ggattttatt cctcaactag taggatacca 60  
 atactggtat tgaaacttgg ggaaaataac tggagatacc agtgcagcta tttaaagctg 120  
 tagcaagggc tgcaatcttg cggagatttt aaagagaagt tttaaagttt ctaataactga 180  
 tgctctttt tggtaaatac aagttttata aatcctgccc tgggatcctg attccccatt 240  
 aatcaagatt tgtcagactt caccttctat aattagaaaa cacngttata agaacagt 298

<210> 43  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (300)  
 <223> n = A,T,C or G

<400> 43  
 cttgaacctt ggaggtggag gttgcattca actgagatca taccacttca ttccagcctg 60  
 ggtgacagag caagactctg tctcaaaaaa aaaaaggaaa actntgngan ggacatttgt 120  
 tnagtaaanc cnttcagtat tnatccttcc tttccccnca gcagctttnt ttctgtgcaa 180  
 ctaaaangga ccaggangta ataaatncnt tttggnngga ctaggccacn ccaantntna 240  
 atcntctccc ntttncctta nacattttaa ttgcaaggcg ggnccctctg gngctcaaaa 300

<210> 44  
 <211> 163  
 <212> DNA  
 <213> Homo sapiens

<400> 44  
 ccgggccagg gtaacagaat caaccctgcc ctgccctgcc tgagcctggc accagatcac 60  
 aagcaacaga agtcttctgc cagctgaaaa gctgagtgtg ggacagcagc actgaggaag 120  
 ccctgacacc ctagtcccca ctctaagcag cccaccacta gag 163

<210> 45  
 <211> 277  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (277)  
 <223> n = A,T,C or G

<400> 45  
 ctcaggcagg gagaaaagga ggcagtgggc acagccgtgg actatggcta cttcagattc 60

```

ttccaggacc ggaggattgc ccgctgtccc ttccacacgc tgatgccanc agagcgcgag   120
acgctectgn cnccggaann ctctcttggn gtnantgnnt nttgcttcta tttttantng   180
nnnnnannct nttgggttgn ccctattttt cncncngcct cnnngnanct tttttttaen   240
nngttntctn ctncngnnc aatnnnnntt cctttttt   277

```

```

<210> 46
<211> 293
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (293)
<223> n = A,T,C or G

```

```

<400> 46
gaagagcttc tgcaggggct gacgagaccc cagggcctct tagccaatcc ccgggcctgg   60
tgaagcaggc gaagcagatg gtcggaggcc agcaactacc tgcacttgcc gccaaagagtg   120
ggcaatcttt taggtctctc gggaangccc cagntttcct ccccantgat ganatgatna   180
tgtnncttnt nanntgcntt gtnttatntn tnncttntat ttnttatctt nttttcnant   240
ttnttttttt gnttcgctnc tnnnttnttn tngngnttn tcttnttgt tgt           293

```

```

<210> 47
<211> 258
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (258)
<223> n = A,T,C or G

```

```

<400> 47
tttctaatat gattacatga gtctacttta taaactggta taggctatgt aattagcccg   60
taagttactt aaaggaccag gggacctaatt ttttgtcagt tttccagtca cattggtgcc   120
attcaggact ccagctgttt acaggaaata tgtacttata anaatagtat ttttccttga   180
ggnatnncan gatntttgct tcattaccac ttgggnatta ttngntngca agnnngntaa   240
ncngcannnc cattgcta           258

```

```

<210> 48
<211> 271
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (271)
<223> n = A,T,C or G

```

```

<400> 48
gagagagagg gctgtctgga gagcataggg tctggaacac caggctgagg tcttgatcag   60
cttcaaggag tatgcaggga gctgggcttc cagaaaatga acacagcagt tctgcagagg   120
acnngagggt ggnagctntn agggcttntt gctntntaga tttentatnc ncntcnnttc   180
tntnttttac cttnttttct actncttntt ttttntttt ntgctnntnt ntntnttnt   240
nnttnncccn ntnttttctn tntntcatct t           271

```

<210> 49  
 <211> 291  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(291)  
 <223> n = A,T,C or G

<400> 49  
 aattcggcct ctctagagtc ttccccaggc cactccttca cactccttac tagcagcccc 60  
 tgcttagcct ccacactacg gcctgggtgac ctgggtccatg gtgctcgccc tgggtgcttga 120  
 agcctggnaa gcgncsangg ctgtgggttcn nggatgtngc ttagnntaan angnnggtaa 180  
 ccggggaann naattnnan tnnanaagng gggggccttn nttntattnc cnaaccntnt 240  
 nctttanccn tannntttgg cngntgnaaa aggtattcnn antncctttc c 291

<210> 50  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 50  
 gaggttctaca ggtggagtgt gggggcccaga aggggctcag gtcttagggg tgcacatctga 60  
 aaaaacagag atggtgatgg gacaccagtt ctaggagccc tctgcatggc cactttctgc 120  
 ctacagctctt ctaaagcatt tcttctgttc ccttccattg gggtaaccac tgatctgtct 180  
 tccccaaaaac tgagtcagaa gttggacttt gttacttggc tcatctacat ttaagatata 240  
 gtcagaaaaa aaatgcagtc tttacatctt aagaaagctt acatgggcca ggcgcagtg 300

<210> 51  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 51  
 gttgttggtta ccgtgtgcca atgtgtccca tgtgggttgt gccaggtaga gaaacaggaa 60  
 gtcaatcatc tgtgacagtc tctattctgt cgttttgcct cttgggtattt gatttgcact 120  
 atatttacnt gannccgtgt cactgtttta aaccngaggn catcttnana ggcattggag 180  
 acctggcttc nnaatgntgt cccancantn ctgnctnaan ctctgntca tntcccnttn 240  
 ntgnngtggn ccannacnnt tattttttaat tngtatnnta atntanacnt gtttctcccc 300

<210> 52  
 <211> 294  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(294)  
 <223> n = A,T,C or G

&lt;400&gt; 52

agaacacaaa	acttgaaaga	agttttatgc	gtgtgacagt	gtatggggct	gcagttgggc	60
tccctggagg	ggacttccac	acctcctgcc	tttaggccat	gggtggaang	tgctcnttgt	120
tgtctccttt	nttccctttt	gtngcgntnt	gnnnntnttg	ntttntnttt	ttagttnttg	180
ttttctctn	nttntntnga	ncttngttt	ntntnnnnnc	tttttctng	cntgtngnt	240
ntcttngtn	natattnnnn	nnngttgcnt	nttgggntcg	tctntntttt	tcta	294

&lt;210&gt; 53

&lt;211&gt; 165

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 53

gtggctttta	tcatgcatga	caaaccctg	gctttcctgc	cagatggtag	gacatggacc	60
ttgacctggg	aaagccatta	ctcttggtgc	tgctactgcc	ctcccacagt	cacccaata	120
ttacaagcac	tgccccagcg	gcttgatttt	ccctctgctt	tcctt		165

&lt;210&gt; 54

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 54

ctttgggaca	gtgtgagtgg	agcttggtgc	cagttgtgca	cacggacacc	cggaacctc	60
tcattaggag	aagccactgc	tgccaccct	ggagatgggt	tttgaccctg	ggctcccggt	120
aatgttggtg	tggtccaga	tgctcagaa	ataacttcca	gagtcaacac	catctgcgga	180
agtgccgtga	gacgtgcat	gggctggaga	cagagacagc	cggcgccgaa	catacctggg	240
gctgcccggtg	caaactgggg	caagcccttc	agcctccatg	tggtgctttt	actatggaga	300

&lt;210&gt; 55

&lt;211&gt; 264

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(264)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 55

ctgtgactgg	ctgagctgct	gtggccgggc	tgggcagtgt	gccccaacag	ctcagtgttt	60
tcctgacact	ccagtgtctg	gggtggttga	ggagcgagta	ctctcttnt	tccanaccaa	120
gttcttncct	ngggtttgcc	ttganacgtn	ttatgntttt	nnancntatt	nntctnnnnt	180
atnanttttt	anatnntntn	ttncttatta	nantnnatnt	tnttantatn	tatagnnnta	240
ttnnnntntn	aanatatnat	nata				264

&lt;210&gt; 56

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(300)

&lt;223&gt; n = A,T,C or G

<400> 56  
 ccccagattc ccaatccac cgcaatgttt ggcaagccta ggactgataa gtagctctga 60  
 tagaggagct ggtggctttt atacttcttc ctgggttttt gttggggttt gttgtttcgt 120  
 tgttttttgt tttttttttt gttnngtttg gnaagnattg nnttnnacgn gngctatttt 180  
 cagtaccana gtaancnaa ggtttnaatc nagttgcata aaacaccttt gcatagctat 240  
 tnaatngccc aangtaaaac ttttaangcca tttcnaangc ttttaattcat ttttgaagta 300

<210> 57  
 <211> 278  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (278)  
 <223> n = A,T,C or G

<400> 57  
 gtgtcccaag tgtccggagc aggcggcaga ggcctcagtg cggcaaacac aggcccagag 60  
 cctgtgtggc accagcagca tcttagagcc ccaggatat gctgagatct tatctcacgc 120  
 tgtctccagt tgtctgttgn gacnaannngn tgnnnctant ncnnnacacc ttnnnanttt 180  
 gtatnnttgc nttnnntntn tncnncttna ntctnngttt naccngntat gctnngnnnt 240  
 tntnttactt nannganata gtccacattc gctactct 278

<210> 58  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (300)  
 <223> n = A,T,C or G

<400> 58  
 gctaagcctt acacacttgt cctgtgcctt tgttgtegta tccctatgta aataccttct 60  
 ccaccttccc attccttcat ggatgaactc ccagaccttc ccaactcatct tttgaatgtg 120  
 tttattgctg acttggaat gcatcaaaat cttttttttt ttnggccncn ggnntaacng 180  
 nntnacaggg ggaanncccc nngaaancgn aaaactnttn gcanctnang tcnnnccngn 240  
 atnttcangg ncagggatna ttggtggcna nagtttttnan gncnntaang ancctttaag 300

<210> 59  
 <211> 262  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (262)  
 <223> n = A,T,C or G

<400> 59  
 aaaaagaagc cagtaaaaga tcctgagatg gattgggttg ctgatatgat cccagaaatt 60  
 aagccttctg ctgcttttct tatattacct gaactgagga cagaaatggc cccaaaaaag 120  
 gatgatgtct cccagtgnt gcagtttttc tcactatttn ctgcttantn tannntactg 180  
 ngggngangc ttantgctgg ntntantgag ngntantatt nctgntnttt tgcgncntgn 240

ntnnnnanttn ttttcagttt cc

262

<210> 60  
 <211> 274  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)...(274)  
 <223> n = A,T,C or G

<400> 60

aaccggacgg acttgcccat cggccctcac gacacgcgtg cagtgggact ctagccaagg	60
cgggtggccga gccatcatta caatttttct ggagtaaagg atccacggtg ggacatcaac	120
tggcacttac tctgtttagg aacttgagtt gaatcatttc taaacttgtc cttagacca	180
cgcctagggc agcaaattcc acttctaga actgcaaacc gggagaggat gtagntagat	240
tntggcatnc tgcccgggt ctttgaggga aaag	274

<210> 61  
 <211> 268  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)...(268)  
 <223> n = A,T,C or G

<400> 61

gaaggatctc cttggttacc aaagacactc acatctttaa ttttggtgtt tcgatggaag	60
cacaggatat aattctctgc ctctttaa atgttgaaagt gctgcaaagt ttgacattta	120
gaaatagaac tagggctgtg gggctttgtt ccgcttttagc ggctttgttc tntgtcnttg	180
cnnnctcact tnngtgcntn gantcagnn natattatac annantgnnn nnnncnnanc	240
nttangcagt nttgcagggn gcgacact	268

<210> 62  
 <211> 289  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)...(289)  
 <223> n = A,T,C or G

<400> 62

ggagaccgtc actccagggt cattctggaa gcattagacc ccaggatgga gcgaccagca	60
tgatcatccat gtggaatctt ggtggctttg aggacattct ggaaaaatgcc actgaccagt	120
gtgaacaaaa gggatgtgtt atggggcttg aggtgtgatt aggtaggagg gaaactgttg	180
gaccgactnn tgcccentgc tcancactga ncnctctgan tgnttnnang cttnttntnt	240
ttnatacnnt atnncnattn ncnntttttt nntntttntt tnttttttt	289

<210> 63  
 <211> 270  
 <212> DNA



<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(270)

<223> n = A,T,C or G

<400> 63

aacactttct accacactgt gggaagcatc gataaacagt cataataatt atcattctga	60
gtcactgcaa gcgtggggtt ggatgctggc tctcacagta tcctgtgtag ggaccatgag	120
cagccatgcg cncctncang cacgngcag ctcaaccnga agancnngcg tgctccctgg	180
caggagcagg atgcctgacc acagantgat aattattatn acnggtatng nngcttgcca	240
cagngtggnn gaaaggntg aatttcactt	270

<210> 64

<211> 291

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(291)

<223> n = A,T,C or G

<400> 64

gaataaggga aggtttggag tcctgggtga ttgcttgga tgccagcagc atttgagacc	60
aaacaggggt gtgaagatgg gtgggtcagc tcacctgca gagtgtagca taaatgggca	120
cagccagaaa attgcttctt cctccaaagc tctctgatc aggaatttgg ggcntattgt	180
ggaacgttat nacattcttg tctctgngct tactnttccc gccattcatt acgaacnann	240
agtttnnaac gnngttctgn tntcaaagnc antgcatctn nttatcatat t	291

<210> 65

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 65

attgtgttga gatccaccgc tcacacgccg tacaccacc agtggettca ttctggctta	60
gccgcagagg caagaaagg accccacttg ctcccatgcc cacctcaaga aaaaacataa	120
aacaattttt tttaaaaaag aaaagaaatc tacctcagtt gacaggattc nacctttang	180
gtntcttnnt cttttngtt ntngcngnet tntctnntt tctttnata ttctttnnnn	240
ttntntnntt tnttgcnnth nnncttgnt tntnnttnn ngcttcntcn tttttatttt	300

<210> 66

<211> 300

<212> DNA

<213> Homo sapiens

<400> 66

gcctttttct ccgacgacca ggagccctac cctgtgactg atatttcgga cctgatccgg	60
gattcctatg agaaatttgg agaccagtct gtggagcaga tcgagcacct acgttacaag	120

cacaggatca gggtcctcca aggccacgag gacaccacaa agcagaacgt gcttcgagtc 180  
 gttatccccg aagtctcaat tcttctgaa gacctagagg agctctacga cttattcaag 240  
 agagaacata tgatgagctg ttactgggag cagcccaggc ccatggcctc acgccacgac 300

<210> 67

<211> 300

<212> DNA

<213> Homo sapiens

<400> 67

atcatgctgc tagtggtccc gctactagtg ctccgtagt tttaaatacat gttccaactt 60  
 gaatttgagg tcttttgact ttcgttggct tttgtcagg gaaaaaacc tgtagggac 120  
 agggtttcac aattcctttt atatttccat tcacatgtat ttacaaacgt gtgcctggag 180  
 tagtaagtac acaataagtg agtttccagc tggttttgtt tcggaaacaa aaaaaacaaa 240  
 acaaaacaaa acaaaaaaac aacggaaggt gaattggaatt gtgtttgtaa cattaactg 300

<210> 68

<211> 300

<212> DNA

<213> Homo sapiens

<400> 68

ggcagacttc tcatccgtaa aatcaggaag ataacatgat tccaagggcg ttcagtagga 60  
 ttaaaggaag tcatgctcct aatttactgc ctggcacaca gacagtaaaa tgctcaatac 120  
 atttatggaa ggaatgaagg actctggcag aaaaacaggt cagatgtgtc tgctgtggac 180  
 aggtggctct gtcggtgccc ggtgagtgcc ctgggagtct ggcagtcacc tctccgcag 240  
 ccgtgtcccc aggctcacag gagccacctc aggtgggaag ctctctgcca gccttggaag 300

<210> 69

<211> 255

<212> DNA

<213> Homo sapiens

<400> 69

gctgcagcaa aaccagagaa tttctcaag tggcctgtag gctccttgtt atcttatgcc 60  
 cccaccctc cctcaacaat atgagtgate cagaactggc ccaaacacct cagctctggg 120  
 ccttttttgc cttcttggc cttactctgt tgttcaaagc cactttggat tgcttgatg 180  
 cttcgaacag ccatgaaaag tagcctgcct gtggcattta gaggccaagc aattgacaga 240  
 aagggtttct tctac 255

<210> 70

<211> 300

<212> DNA

<213> Homo sapiens

<400> 70

attgtgcacc tctaaccctc tctagcaacc ttattgatac cattcagtc caatattctt 60  
 ccaaccaggt tgaggacttt tgatttgctg agaataaat tctgcatatc tttgcttctc 120  
 actaatgcct gtctgctctc tgcctcacct tcttgtccat tggatatatg ttggcactct 180  
 gagagtatac agcatcaatt cattcatatc tccaatactc tttcattaag tctcagttgc 240  
 ttgccagcac agacaaggta ctgcccacaa aagtccttgg aaaacaggca agatatatac 300

<210> 71

<211> 300

<212> DNA

<213> Homo sapiens

```

<400> 71
agatagtgaa ggacctagag gcttcccacc agcacagtag ccctaattgag caattgaaga      60
aaccagtaac cgtgtccaaa ggcacagcaa ctgagcctct catgctaattg tctgtgtttt      120
gccaaacaga gagttttcca gcagaaagaa cccatgggag caacatagcc aagatgacaa      180
acactgggct gcctggtcct gccactcctg cttactcata tgcaaaaacc aatggccatt      240
gtgacccaga gatacaaaact accagggagc tgactgcagg caacaatgta gaaaaccaag      300

```

```

<210> 72
<211> 261
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(261)
<223> n = A,T,C or G

```

```

<400> 72
ggcaaaaggc atctgctgga gctggtgacc ccagcttggg gccccccaaa gccagagtac      60
gaggctgaga ggatgcaggt gtcctcctag gaggtttgag tcagaaggca cgaggcagaa      120
gcagtggggg aggactccct cagtagagcg aggaggaggc ccctcatcca agaggagggtt      180
ggagcacagg ggggtctagg ttgtagttt cnggaccggn agctnangng tcccanggcc      240
tttntntgt ttnganaatt t                                     261

```

```

<210> 73
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(300)
<223> n = A,T,C or G

```

```

<400> 73
gtgccccag ccagggtgag cccctttccc agaactgcct caccacccag cccttggtgtg      60
atcctcatgt ctctgcccc aggaccacat cctgagcttg ggtgccgact tcaccttgat      120
ctccctcggc agcatcagga gaaagtggag cggntgttan aggtgtcang tgaannttnc      180
ttgngntttc ttgntncttn ncntattatt tttngttant atncntngnn tntttaantn      240
tntttttant nttnntntt tntntttnt tctnntttat tgtntntat tnttttttt      300

```

```

<210> 74
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 74
agacgttgca gcaagtggac aagtggccgc tgtgcgggcc cctcgcttgt agtgagctgt      60
tgcagcttac ggtccgttcc ctggaggggg ggaggagtga gaggttgtgc agcatcaaaag      120
gtgctgggac atcccagggt ggtgagatcc atccacgac cagctccggt ggagaaaggg      180
cccatgtcaa gccttgttct gcacccaag cattgggtgt aggactgggt cctggctgat      240
cgtccttggt cccagtgggg tacatgtgag cccctgccag ggccaagtcc ttctcccga      300

```

```

<210> 75
<211> 247
<212> DNA

```

<213> Homo sapiens

<400> 75

```
ccgtgcctcg ctttccctgt cccccgcct atggacaccc ctggctcagg ccagtgtgct    60
tgtcccagca tcgcgtcat ctccctgtttt tatttgatgt tacagatttc atttcattag    120
gaatgagtgt ttccctccccg acttttgctt gcattatttt gccagctcct ccctggaaaa    180
gggcaggggc ggacactttc ccagcctccc accgtgctct gttcctagtg gcacctgccc    240
cagggtc                                         247
```

<210> 76

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 76

```
tgcttggtt cggggtgac cgccgtccc cttctcttc accacagtgc ccatttttca    60
tccagggaga acctcggggc tgggacacct cctggccctc accctgggtc atgtttacag    120
tcctcagtgc cccacaccgg tggccccctg aggacacctc caccctgacc ttgattttcc    180
caaacgctgc ctcttggtga cagactcagc ccaaaacccc ttcttctgt ctctggagac    240
ccttgagctt ggggaaatat ggaaggngtg tgtgtctgca atcaaggcct ctgcagctca    300
```

<210> 77

<211> 292

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(292)

<223> n = A,T,C or G

<400> 77

```
gcctgcataa ggtttgatta ctcaggagtt ggaagttcag atggtaactc agaggaaaagc    60
acactgggga aatggagaaa agatgttctt tctataattg atgacttagc tgatgggcca    120
cagattcttg ttggatctag ccttgagggg tggcttatgc ttcattgctgc aattgcacga    180
ccagagaagg tcgtggctct tattggtgta gctacagctg cagatacctt agtgacaaag    240
tttaatcagc ttctgttgta gctatnaang gaagtcatat gnnagggtgtg tg          292
```

<210> 78

<211> 277

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(277)

<223> n = A,T,C or G

<400> 78

```
gctttgcaaa ccacatacat tattatcact tacagtctgc agaactactg aattccaagc    60
tgctcgggtg gcaggagacc tgtgttgatg ccatcaaagt gccagagaaa atcatgaata    120
```

tgatcgaaga aataaagacc ccagcctcta cccccgtgtc tgnaaactcct caggettacc	180
catgatcgag agaagcnnntg tggtttggnt ngaanncgac tcgnnnntcat tgctnagggn	240
gngaggcggt tcgnnnnttag gcttaagnta ttgtggg	277

&lt;210&gt; 79

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(300)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 79

gccaaaggctg tactgcggat gctcctgctg ctctgggttca aggctggcct ccagacttca	60
ccccctatcg ttccactgga cagagagacc caggcacagc ccccggtatgg tgaccacagc	120
cctggcaacc atgagcagtc ctacgtgggg aagcgggtcaa accgggtggg gcgaaccctc	180
cagaacacgc cgtccttgca ctccaggcac tggggagctc cccagnancg ggagggacnn	240
cagcancagn atnncgannn gctnagtgcg ancnnacccc ncttgngct gcaggatacc	300

&lt;210&gt; 80

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 80

gagcgacgaa cttctgagac aggtgtgggt gcgaggggtcg gtaggggtcat gggattggga	60
ccgaggtgtg aggaggggaat ctgcaattcc ttgctacaca gagcgctggc aacttctgac	120
aggctgtttc tgggggtatgg gctgcctcgg gttgttgctg ttacaaggaa agaaaagagt	180
tccctgccc accgcctccc agccactggg ctacctcctg gcaggaaatt tgcaaaactga	240
gtttaacaag ttaggatcag cagagggtag aggagggccc tggcagatgt ggggtctaga	300

&lt;210&gt; 81

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 81

aattcggcgc ggtgagtggg gagactgcct tgggcggggt accgggcatg actcttcgtg	60
acgattctga gacccccctc tcccccgaa ctctccagc ccgcagagtt ctatctccag	120
gtggaccgct tcagcctgct gccacggag cagccccggc tacgggtgcc tggttggtaa	180
gtgatgcctc cgccaggag ccctgctctg tctgggtgag catagcccct ctgcagctgg	240
agggtagaac aaggaaggcc tgaggtagag ctgggagggg gcatgggtag ccttggtatg	300

&lt;210&gt; 82

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 82

ggaggatggt ggcaagcagg tgtggcgggg cgccctgctc ctggcagact acatcctggt	60
ccgacaggac ctcttccgag gatgtacagc gctggagctc ggggccggca cggggctcgc	120
tagcatcatc gcagccacca tggcacggac cgtttattgt acagatgtcg gtgcagatct	180
cttgtccatg tgccagcgaa acattgccct caacagccac ctggctgcca ctggaggtgg	240
tatagttagg gtcaaagaac tggactggct gaaggacgac ctctgcacag atcccaaggt	300

<210> 83  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 83  
 aggcgcggtg cccagagtg ggggtgcctgc actctcagct tccacaccct caccctaccc 60  
 ctacatcgga caccaccaag tatgtagggt gggcagaagc cacagtcgcc gccgccaggg 120  
 gcttgctcct ggctctgtcc tttgcttccc tccgtcctcg ctcagttgtg atccagcagc 180  
 cccctcccc actgcctccc cagctctcag tgaccccgac tgtctcctga cttagccgag 240  
 ccccgagac accttgagga ggccgctcct tccagacac acccccacgc cccactgga 300

<210> 84  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 84  
 gtgacttctg ctatccatgt tgagggtgca gaacttgaag ctaatttacc ttgtacatgt 60  
 aaagtgcatt ttctgatcc aaacaagctt cattgttttc agctaacagt aaccacagat 120  
 gaggggttact accanggtgg aatatttcnt ttgannctt ttnttcnnta nagtatncat 180  
 nttatnctn cnaatctnca ttncctganct anttanatnn cacttnaata cnttcnctg 240  
 annctctct tnnnnnnntn nttctnntnn nnccttntan tanatcnntt tatatctctc 300

<210> 85  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 85  
 cgtagagggt tgagaaatga cttgaagagt catgtgtggt ggcacgttta tggccttctt 60  
 cagaggtcag acaagaagta tgatgaagcc attaatgtgt acagaaatgc actaaaatgg 120  
 gataaagaca atcttcaaat cttaaggagc ctttccttac tacagattca aatgcgagat 180  
 cttgagggtt acagggaaac gaggtatcag ttacttcagc ttcgacctgc gcagagagca 240  
 tcatggattg gttatgctat tgcttaccat ttattagaag attatgaaat ggcagcaaa 300

<210> 86  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 86  
 ctacgggttc ccgtcaccaa ttttccttgg aattggacag atggcagcca ccataatgat 60  
 actatatgtg tccaagctaa acaaaatcat tcacttccct gattttgata agaaaattcc 120  
 tgtaaagctg tttcctctgc ctctcctcta cgttggaaac cacataagtg gattatcaag 180  
 cacaagtaaa ttaagcctac cgatgttcac cgtgctcagg aaattcacca ttccacttac 240  
 cttacttctg gaaacatca tacttgggtg attttggttt tcctccattc ttccagtgtg 300

<210> 87  
 <211> 295  
 <212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(295)

<223> n = A,T,C or G

<400> 87

tggaggaagc agcagggaaa acctggcgct gcaaaatgtg caggctcgaa tacggatggt	60
cctcgccctat ctgtttgtc agttgagcct ctggtctcgg ggtgtccacg gtgggctcct	120
cgtgtcggga tccgccaacg tggatgagag tctcctgggc tacctgacca agtacgactg	180
ctccagtgcg gacatcaacc ccataggcgg gathnancang acggacctca nggccttcgt	240
acagttctgc atccagcgct tccancttcc tgccctgctg agtttctggt ggacc	295

<210> 88

<211> 300

<212> DNA

<213> Homo sapiens

<400> 88

atccaccgtc attccccaat accttagttg tagtcaacta actagatagg ctgccgaaga	60
tggtttaact gtgtccagct taactacagc caggctttgg aatgcctggc ctatgtctgt	120
aatgaaatc taacaattta ttgtataacg ttgttaaaca tgaagcatga tgttgccct	180
ggataaaaca ttttaaattc tcgtcgttca taccagaggg tcagtaactg accggttgaa	240
agaaaactgt tcattgtaac ctaatgatgc tagttagata gcattagatt atgttagaga	300

<210> 89

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 89

gccttttggt gtgaagttgc tcatcattta ggagtgttta attctaaaaa gccttcagcc	60
taagaaagct tcatctgtgg ggaccagaga cttgttgctc agggagttag tgatgggact	120
tgggcatctg atctgcaggt gacaagtta gttcaactga agttgtaggg aatttagaca	180
gttgacatc attgccgttc taggggcctt gtgaaagat gaaacagttg ttttctattt	240
accagcacct ctcagttata naggtnatgg aacnttcnct tactttgnat catcattect	300

<210> 90

<211> 300

<212> DNA

<213> Homo sapiens

<400> 90

acctttacct gcaacctggc tgagaatgtg tccagcaaag ttcgtcagct tgacctggcc	60
aagaaccgcc tctatcaggc cattcagaga gctgatgaca tcttggaacct gaagttctgc	120
atggatggag ttcagactgc tttgaggagt gaagattatg agcaggctgc agcacatatt	180
catcgtact tgtgcctgga caagtccgtc attgagctca gccgacaggg caaagagggg	240
agcatgattg atgccaacct gaaattgctg caggaagctg agcaacgtct caaagccatt	300

<210> 91

<211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 91  
 ggatcctcca ggctgccggc tgggaaggcg tgggcgaccc ggtgtgtggc gcgcccagag 60  
 ccccgcggtt cagccctagg gaaggaagcc agttgaggga agttctccat gaatgtacgt 120  
 cacaatgatg atgaccgacc aaattcctct ggaactgccca ccattgctga acggagaggt 180  
 agccatgatg ccccaattgg tgaatggaga tgcagctcag caggttattc tcgttcaagt 240  
 taatccaggt gagactttca caataagagc agaggatgga acacttcagt gcattcaaga 300

<210> 92  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 92  
 ataagcagtg gctttcaaac cgtgtgctct aggactggct gggccttggg gaggcgtcag 60  
 tggcgccctg gggaaacagg gcaccagagc aatgggtgag gtccagcctg tcctgctcac 120  
 gtcagccagg gcacatccaa gtctgttgtc agttgactgt tgggttcctg gattagagtt 180  
 tgtgagggac gagggaggtt tttaaaccca cacaaacaca gcatttattt tactgcagat 240  
 actgtttgaa gtgctgtatt agttcgtttt caggttgctg ataaagacat accagagcct 300

<210> 93  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 93  
 ccccttgaga tttctggctt tttgtaggga cctcagttcc attttcccaa ctcatgggtt 60  
 ctcaatacct taactatctt ttatttgtca aattccaagt cctcaactca cccaccacta 120  
 cctgaccacac tgcagtcacc acaccaccct acccaatttc ccagggatgc tttatgatta 180  
 gcttaaatac tcaccattct gatttgaat gccgccccca cccctttttt ttgacacctg 240  
 ggagtttctt tttctttctt gtaagatcag cattacacaa acaagcacat ttttcttatt 300

<210> 94  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 94  
 gctgcatctg caatgaggat gccaccctac gctgcgctgg ctgcgatggg gacctcttct 60  
 gtgcccgtg ctccgggtgg gtgcaggtgg aatgttctgt gcgagagctc aagggtgccc 120  
 tggatccctg acttgatctc cttgtttcca cagagagggc catgatgcct ttgagcttaa 180  
 agagcaccag acatctgcct actctcctcc acgtgcaggg caagagcact gaagacaccc 240  
 tggtcctccc ggaagggcag tcccacaggc agcggcagcc atttctgggc cccgccacag 300

<210> 95  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 95  
 gtgaggaaag aaatagtcag taaattgatg cgatccctaa aaagggcagc attgcagcgc 60  
 ccaggcataa gacgtgtgat tgaagatccg gaagataaag aaagtagact aatcatgttg 120  
 gatccctata aaatatttac tcatgatccc tttgagaaag cagaactcag tgttttagag 180



```

cagcttaatg tcagtcacac gatctctaaa tacaatttgg aactaacata tgaacacttt      240
aagtcagaag aaatcttgag agctgtgctt cctgaaggtc aagatgtaac ttcagggttt      300

```

```

<210> 96
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 96
gcttagataa gtcaaatgca gtagacaatg gatagtcac acagattttt gtacatggga      60
cttcacatac cttaattgaa tatccatcgt gtacaaaata ttgctcaagc aatgtaggaa      120
tcaagggaat aaaagcttat tctgatatta tagagcatat aacagccatg taaatatgca      180
tggatatagag aaatcagttc tatgatggat gtaccagcaa agttgcagag cattatatag      240
agttgctttt gatatgagcc ctagaataaa ttgggataga gagggagtgt ggggaattga      300

```

```

<210> 97
<211> 286
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(286)
<223> n = A,T,C or G

```

```

<400> 97
ttttcttgga gacattccag attgccatat tactttattt taaacagcgc tatgacttta      60
aatccaaggc tgctcggaag attttttttag gtctctcata agcctattct tccctgatca      120
catgagtggg agaggtaagc ctnattttga angccctttc tgngnnnnna nannttcnnn      180
nccannnnntn tnnngaagan tntttnnngn tnnncanttg ccattnttcc ntgnnnnnnn      240
nnngnnnacag gggnncaant tnnnannccc ttttnggggt tcccaa                      286

```

```

<210> 98
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 98
atctctcagg aaggctttga acaaatgaaa gcagcagcca tttcagcaag cggggggccac      60
acctaagggt actcgagagt gaagattatc tcagaagttt agaatcatga cacttcgggg      120
aagataggat cagggatgaa tgggagacgg gggttaagg gagagcttag aagtttagaa      180
tctaagagag aaagggtttg tttttgggga gagggattat gtatgatatt taatagcacc      240
tgcaaaacttt aagatagctg ggggggttctc agtaactaag gagggtcctg accctaaaag      300

```

```

<210> 99
<211> 287
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(287)
<223> n = A,T,C or G

```

```

<400> 99
ctgcattgtc cactggacgt tttagtcata ttcagacacc agttgtttcc tccactccca      60

```

```

gacttaccac atctgagaga aacctgacat gtgggcatac ctcagtgate cttaatagaa 120
tggtcccccgt gcttccaagt gtcctgaagc tgccagttag atctctaaca tactnnantg 180
caagataagn caagagantn accgagattt tgnccnccgan annntactnn nnttganttt 240
gntgcnatnt antaactnct ggannnnnna ntntcnatnc atcccc 287

```

```

<210> 100
<211> 263
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(263)
<223> n = A,T,C or G

```

```

<400> 100
cttccttctc tatacccttc tctatgtttt attgcataaa taggaaacat tgttgaaaag 60
actttcctgg taaactgttc tgaattttac gtttatcgaa atatctcaa agactcaatt 120
tagaacttta ttatgccctt atttattnaa catttnttng gaacnaacat gtatatngcc 180
cttangtngg cnnnngcnag nggtnanann ngngagntct naatgngngn nnaannngnc 240
ggnnngntcg gtnggnngna tgt 263

```

```

<210> 101
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 101
gtggccaaagg gtggggccaa gactccacat agatccagg gctcattcca tgatgctctc 60
atttcctaga gtccctccagg tgtacaggga attgtttcac tgacagacag gccaggatat 120
ctcataagct tcttgggcac aagttggagt ggtatgggtg gaattccagc acaattaggc 180
atatcgtggt tgggtgaaca caaccataca agggggagag gtctctacca gtggcctgtg 240
cagtcctgcc atgttcttct ctggtaaatg ttttaaatga taacttgga tactactaaa 300

```

```

<210> 102
<211> 290
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(290)
<223> n = A,T,C or G

```

```

<400> 102
gtgcgtctag aggaaatgta ctgttttgca gataataagt attgatcaga catgcatttt 60
tacctctgct gtgggatttt agtctcatta ctttgttgat ctactttgta gttaacctag 120
agaagttaac acagccattg ctacagagct ttctgccact tgagttccag aattccagaa 180
tccagtttcc tagggattgt ggggagtaaa aagaggtata gggtatggtc cctgtatggg 240
agcaatacng nctttattga ntagtgtcta tattgtcttg tgactcaggt 290

```

```

<210> 103
<211> 293
<212> DNA
<213> Homo sapiens

```

<220>  
 <221> misc\_feature  
 <222> (1)...(293)  
 <223> n = A,T,C or G

<400> 103  
 attttttgac aggattttat tttgtgtgca tgcattctgc tccaagtgtc acaattctgg 60  
 ttacaataat tataatatat ggagttacta ctaagacttt cctgaaagag gtgtattgta 120  
 ccaaattttg taacatatnn tnntactaan tgatcntana gcttnctana ttntgnatan 180  
 ggnatgtgnt ancancncnn nncnttnaac nggntttnnn ngtcggntnt gntttctnnt 240  
 ngntgggtgnc cnatnnnnnn tnntttntnn gttcnttttn gnnctnttgt ttc 293

<210> 104  
 <211> 299  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(299)  
 <223> n = A,T,C or G

<400> 104  
 ggctgcccc gcgtagcag cctgtaccag gtctatgacc cgctctgccc acggtgtgtg 60  
 acgacatcag accaggcact ctcagggccg ctctccagct caccacagtg tctccacgtg 120  
 ccttaccctt tctccttcag gccaaagttc gcggngtgct naattaatac gagcacnagc 180  
 aanaaattgg acnggcangn aagnntntnn agacacctaa gataaagtc ggancccaag 240  
 gctttanctt aaccatgtat ggtaccccat tcattcatcn agaaaaccct caacagctg 299

<210> 105  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 105  
 cccgcctcgg cctccaaaag tgctgggatt acaggcgtga gccactgtgc ccggccttca 60  
 attttattta ataattatgc atgtgtggga tgcaatgtga tattttgata cgtgtataca 120  
 atgtgtaatg atcaaattag ggtacttagc atacctgtca cctcaagaat gtttttcata 180  
 atattttatt tgtaagataa gcattcttcc catgtgcaca acattgctgg gtattgttaa 240  
 gagatcatga aaacacacaa tccttattga gaaggtggcc aggtgtggtg gctcatgcct 300

<210> 106  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 106  
 gactcttttt tcctttgtat tttctttctc agtctgatct gcttcctgac ttcttgga 60  
 ccctccaaat ttcttgattt ctaatggcac tctttctaga tttctagccc tgtacgataa 120  
 tattctttca tcatttcagt gggcttttgg agggaggcgg agatccaggt gatctgtcta 180  
 cactattcag tcagaaagct ggatggtttt tctcactggt tagctgtgac tcatacttag 240  
 aaagtggttt aaatgtgaat atcttagttc tggttgtaca attgaggtaa tcctcaattc 300

<210> 107  
 <211> 289  
 <212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(289)

<223> n = A,T,C or G

<400> 107

tagagggttg	aaaggagtca	tgaggggtgg	gaaactagca	ggggcacatg	gaagctaggg	60
aaagaatttt	gcttgagatc	gtcaaagtga	ggggaagagg	gtagtaagca	aaggagaaat	120
gttatatggg	gttcggaggt	tttagntcta	ntntnnccct	nttnatctgt	tctttntntn	180
gtnnngctctn	tnttntctgc	nnagcctnct	tctctntnct	nnatnnttat	ntnngtcctc	240
gtntgtncnt	cncnnenttc	ncntctctct	ttntctnnnc	tntccctat		289

<210> 108

<211> 295

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(295)

<223> n = A,T,C or G

<400> 108

ggtagaagga	gcctcctcaa	aggcagtgt	gggcacccac	gggtgtgctg	gatactggag	60
tttgagagga	gggaggtgt	gtggccttgg	atactctaaa	anagtngtaa	ntntcactnn	120
tttgtgncta	tannntnntn	gtacttctgc	tcaacnnnnc	ttantttact	gagnntattn	180
nnncngnact	ttnatnntan	tnattntcen	tttatncctt	tactntnnca	cnttntgctn	240
ctttattgat	anctgggtctn	atnactttct	ncentcattg	ttnttcttac	ttttc	295

<210> 109

<211> 300

<212> DNA

<213> Homo sapiens

<400> 109

gtcccaggaa	attcctcccc	ttattcttcc	ttgaagtgcc	cgagcatgta	gggcaagaag	60
gaaggctgaa	gcgctgtccc	taggaggaat	ttctccttca	ggggagcctc	agttttgccc	120
atttatctaa	ttgaatcagt	tttttaccce	atcccccgat	tttgtaggat	aatctccctt	180
atctaaagtc	aactgattat	ggactttaat	cacatctaca	aaacacttcc	atggcgacag	240
ctagatgagt	gtttgaataa	ctgggactgt	agcccgctcca	agttgacaca	taaaaactgac	300

<210> 110

<211> 286

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(286)

<223> n = A,T,C or G

<400> 110

tgtttttacc	taaatgggcc	cacgtggcag	catgattttt	gtccttttagc	gccctgcttt	60
ggggacctct	ctgtgctgtg	ccgtatagct	tcaattcatt	cttccaacct	ggtgcctttt	120

```

ggctctataat ggagatgggtg cagtnnattt cttngcactt gtcacaacgn nncncctaen 180
nncnctggg aatnnnnancc cncataatcc tttanacatt taanaaatnc atatttncgc 240
atgncnaaac gancnnnana cncnatgnaa atctcgcaat atcata 286

```

```

<210> 111
<211> 269
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(269)
<223> n = A,T,C or G

```

```

<400> 111
gggcaaccct ggctctatca ttttcctttt ttgccaaaag gaccagtagc atagggtgagc 60
cctgagcact aaaaggaggg gtccctgaag ctttcccaact atagtgtgga gttctgtccc 120
tgagggtgggt acagcagcct tggtnccctt ggggggtggn annannaacc atggnnncgt 180
gannactnnn tccagatggg tttnannnnn ngncntcttc ntcccnatn ctntntntng 240
nnttnagnct gtangntctt nctnnntcg 269

```

```

<210> 112
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 112
cccaaactta atgaagaact actcagcaag caaaaacaac ttgagaagat tgaatctgga 60
gagatgggtt tgaacaaagt ctggataaac atcacagaaa tgaataagca gatttctctg 120
ttgacttctg cagtgaacca cctcaaagcc aatgttaagt cagctgcaga cttgattagc 180
ctgcctacca ctgtagaggg acttcagaag agtgtagctt ccattggcaa tactttaaac 240
agcgccatct tgctgtggaa gcactacaga aaactgtgga tgaacacaag aaaacgatgg 300

```

```

<210> 113
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 113
gaactgtccc ccgttatctc tgtccatata gcaacagccc ccaatggccc tgaccacctc 60
cctccccagc agaacgcccc ttctgtgggtg tgaaaatact ttctattctg gtcagcacca 120
agaatgcctt ttcccttctt gcaggctctc cagtgattec ccttaagaat gccctttca 180
aagccacccc cccatcgag cggcacagct cctctagag ttcccttaca ctacatcct 240
ctcccgctc aggtagaaat atccgcctgc tttagctccag gctcccatga catactccc 300

```

```

<210> 114
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 114
cctaggcccc ctggacctgg tctttcagac acatttagcc gtgtttcccc atctgctgcc 60
cgtgatccct atgatcagtc tccaatgact ccaagatctc agtctgactc ttttgaaca 120
agtcaaactg cccatgatgt tgetgatcag ccaaggcctg gatcagaggg gagcttctgt 180
gcattctcaa actctccaat gcaactccaa ggccagcagt tctctggtgt ctcccaactt 240
cctggacctg tgccaacttc aggagtaact gatacacaga atactgtaaa tatggcccaa 300

```

```

<210> 115
<211> 295
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(295)
<223> n = A,T,C or G

<400> 115
gctccagaca gctcttctgt catttcacca ggtccaaaca ccagcaccaa ggctcccatg      60
aaatatcccc ttatttccat ctcaaatcct tacctatcaa ctccctgccc agagaacctg      120
gaataacata ttacttcta gtccttttca atgcattttc cccttggggg aggtgtggga      180
gggttgtagg tgagtacntg aaagannatc ntacngatng accatntttg anggtnnctc      240
anagggataa atanatatag ntaaccgatg nnnnnncnnc nggagaaacc atgat          295

<210> 116
<211> 269
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(269)
<223> n = A,T,C or G

<400> 116
ccccccgctg ctcccgaggag cgtcgcccgc acctgcacgc gtctggcaca caaacgtcgg      60
tctcaccctt tagtttctgg aagagaaaaa ggaaaagcca ccgagaggcc tgaccctgag      120
gggtcggtng gagatgcggn cncgtattat aggggaagcga ttgatgagcg ttgactgttc      180
atcatntnaa ntgtatgntn tnattttntt tttttnttat tatttctttt tttatttttt      240
tntttttntt ttatatnnnt tttaattta
                                                    269

<210> 117
<211> 266
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(266)
<223> n = A,T,C or G

<400> 117
gtttaccctt ggtttattgt gattatcatg gccattcccg aaagaagaat gtatttatgt      60
atggttgtag catcaaagag acagtgtggc ataccaatga taatgcaact tcatgtgatg      120
ttgtggagga taccggatac aggacattgc ctaagatact gagccatata gccccaccat      180
tttgcattgag cagctgtagc ttcgtantgn aaaaatcttt gactcnnnngn tctgtnttnc      240
tcanntatag gaccacttg aacaaa
                                                    266

<210> 118
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 118
accatcttca ctctctggga agaaataagg tgggttacca ttacatccc agtgataagg      60
gccagtttga tcattccaaa gatggttggt taggccccgg ccctatgcc a gctgtacaca      120
aagcggcaaa tggacactca agaaccaaga tgatatcaac ctccatcaag acagctcggg      180
aaagtaaaag ggcacacagg ctgaggataa atgattatga taaccagtgt gatgttggtt      240
atatcagtca accagtatta aaggcctgcc tgatatacaa ccctcgaatg caacacagtg      300

```

<210> 119

<211> 283

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(283)

<223> n = A,T,C or G

```

<400> 119
cctccatgaa ggatattttt ggagtcgtag gagttacatc tgctaacatg cttatttttca      60
ttcttccttc atctctttat ttaaaaatca cagaccagga tggagataaa ggaactcaaa      120
gaatttgggc tgcccttttc ttgggcctgg ggggtgtgtg ntctngtnnn tnantntntt      180
ggggnntnag nnctaannna gntcnngnngn ctnttttnag agatangggg ntctttgctt      240
ctngnngntc centtttttn ttgnncncna gnngtgttgt ttt                        283

```

<210> 120

<211> 300

<212> DNA

<213> Homo sapiens

```

<400> 120
ttcagtaacca ggggcccggc gtggctccca tcctccggaa tctgcaaaat ggctacttct      60
tcagaaataa tggggagagg gatggcaaga ggccagagat caaggccctc gagtattaac      120
ttgagcattt gggcacaaaa tagacacttt tggattttcc cgtcttttcc aacaccaagg      180
atgagattat caaaaagatgt gttaaattaa tttgtaccgg ccgggcgcgg tggcttacgc      240
ctgtaatccc aacacttttg gaggccgagg cgggccgaat cacaagggtca tgagttcgaa      300

```

<210> 121

<211> 300

<212> DNA

<213> Homo sapiens

```

<400> 121
cacattattc cttttccatc ggaagtggcg ctctgtcatt caactcgttc ccgctcatgg      60
aaccctcttt taaaaagacg cagggcacct gtgagcgag gagcgagcct aaggcctccc      120
agcggcagcg cccgtgtcct gggcactcag cgtgtctggg agagcagggt cgatggcccc      180
agtccatgca gccctcgccc atgtcctgtg cccttacatg gctcccgagc tgtgcaggga      240
gccgatacgt ttgctgatag caatactgga accaccgggt gcgatggcag tgaggagact      300

```

<210> 122

<211> 299

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(299)

<223> n = A,T,C or G

<400> 122

aataaaccca agggcaagcc tttgaatggg tccacagctt ggtacaagtt cccatgctat	60
gtgcagaacg aggtgcccc tgcagaagcc tggattaatg ggaccaacct agctgggcag	120
tcttttgtgg ctgagcagtt gcagattgaa tatagctatc cttttacttt tccacctggg	180
ttgtttgcac gctacagtgt ccagatcaac agccatgtgg tgcacaggtc ggatggaaaa	240
tttcagatnc ttncctatan aggnaaagnn gctgtggtnt ggnagnatan atgacctag	299

<210> 123

<211> 293

<212> DNA

<213> Homo sapiens

<400> 123

ggccagccag ctgctcacac tggacaccac ctctatcccc ctgcgcctct gccctgtcgc	60
ctcctgcccg gacgcccgcg tgctggccgg ctgcgagggc ggctgctgct gctgggacgt	120
gcggctggac cagccccaaa agaggagggt gtgtgaagtg gaattcatct tctctgaggg	180
ctccgaggca tctggacgga gagtggatgg gctggcattt gtgaatgagg acatcgtggc	240
ctccaagggg agcggcctgg tcaccatctg cctgtggagc tggaggcaga cgt	293

<210> 124

<211> 208

<212> DNA

<213> Homo sapiens

<400> 124

aggccagtgt gggacagggt tgtgtagggt tgcatttcaa acacatttat tattcagaag	60
tggtgcagat aacgcctaga ttacaccgaa gaatttaggg aggggtggggg atgaaggctt	120
gttagtaacc agaaacacat tagttgggca tcagtaaggg gcaacataaa ggaatggttc	180
ccctcaaaaa cgaacaaacc aaatttta	208

<210> 125

<211> 300

<212> DNA

<213> Homo sapiens

<400> 125

gtgaactctg cacagtcctt gtatattcat tggaaaacag cagtgcctctg gaatagttat	60
tttttgaat gccctgagca gttaggaaag tgatgaagg tgaagtgcgg agagggaaga	120
ggtggggcct gatgcagttt gctgggggtg caaccacaca ctccctgtaa ggcctgaagc	180
agccagttgc atgtttctag ttggaaggca gatagagctg tggagggtgtt ggcattgatta	240
ggtctggctg ggaataaggt tgcttggcag tgtattattt attcgctaac tttggtggcc	300

<210> 126

<211> 300

<212> DNA

<213> Homo sapiens

<400> 126

gtttatgggt ttacattgtc atgtctccac aggacaatgc acatggatatg tttgtcagaa	60
cccagttgga gttttgtttc ccagcatcca aaggaaatcc ctaactttca tttttcttc	120
ccgtaagcag ccccgaaacac ttacttataa gccatctcta cctgaattag caatcatgga	180
taagctcaat aactgatcat ttccttatca gtttaaacca tatatatattt aacactgtct	240
ctttttcaca cacactagtt agctaagaat gagctggggg gctgggcgtg gtagttcacg	300



<210> 127  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 127  
 gtaaggtaga aaaattcctc acatgggtta ataaaccaat ggatgaagaa gcatcacagg 60  
 aatcatcttc tcatgacaat gtgcacgacg cttccacaag tagcgattca gaggaacaag 120  
 acatgtctgt taaaaaagggt gatgacctac tggagactaa taatccagaa cctgaaaagt 180  
 gtcagagcgt atcttcagct ggtgaacttg aaacagaaaa ctatgaaaga gacagcttgc 240  
 tagcaactgt tccagatgag caggattgtg ttactcaaga agtgccagac tcccgccagg 300

<210> 128  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 128  
 gtgtggagtg tcccaagcac agcaggcagt caggggtggcc aatacaaggt gctggcagtg 60  
 aagtgggggc agactgagcc tgtgtagtga agtgtcttga ggaacgtcag ctgtatcttt 120  
 taggaaacca aaactgcata gacattgaac ccaggcagaa ggtcatgaag tcagagctaa 180  
 gaaatgctag tggggatagg ggggtgagata gagtgggaa atgtttcaga gctacaggtg 240  
 acagttgttg gtgtccagtt ggatatgtac catgaaggga agaagcagtc agagtgggca 300

<210> 129  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 129  
 atccctcttt gcagaaaagg ttatagaatg ctgttcttta taaccaaaga acttacataa 60  
 gacaacattt ttgctgtcca ctcttttgtg tgaacatgta tgtttgactg caagtttggt 120  
 gccataattc ccttggtac caagccacgt gctgccattc tctgtccttt gtttcataag 180  
 cacactgaga aatctcacag ctatattctt tggctctcca cctgccctc cacctgctga 240  
 cttgacattg tattataact gttgacaatg actgggggtcc tgactccaca gttgcctgga 300

<210> 130  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 130  
 ttctgcacgg gtaattatgt gctggatcga gatgacctgg tggaggccca aacacctgag 60  
 tatgatgtgg tgcctgtccc caaccctggt cgtcgtatgg caagagaaag actcttacag 120  
 aaacgatcta caagaactac taccgaatcc aattgaagcc agagcagttc agttctacc 180  
 tgacatcccc agacgtgggc ttctccagct atgagcttgt ggccacacce cacaacacct 240  
 ctaaaggctt ccagcgtcct gtgtacctgt tccacaaggc ccgatcccc agccactaag 300

<210> 131  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 131  
 ggtggagggg ggcagccggc atggcatggt gaggaagggc catggaagag gacagaacct 60  
 gtccacggag tcaatgctga ggaaggaaga cggaggatga ggccagtcag gtttttcgtg 120

gtggcagtgc cttatgtttt tatcgaagtg tatattcaca cagaaaagca catctcccag 180  
 gatcctgaga gagcttgaac cagaccactg tggacacggt ggccacccgt caccactacc 240  
 cttcccaagg ggagacgagg agcaagtagg cttgagggaa aagctgcaca ggactcgtgt 300

<210> 132

<211> 300

<212> DNA

<213> Homo sapiens

<400> 132

atttgaggat ctgcaccttg tccttccagc aggtgctccc aagccacctc tgggcctgag 60  
 aataggcatc acatgactct gtttaatcct ccgacacagc aaggatgccg ggaagcaggg 120  
 caaagtgggt caagttatcc ggcagcgaaa ctgggtgggc gtgggagggc tgaacacaca 180  
 ttaccgctac attggcaaga ccatggatta ccggggaacc atgatcccta gtgaagcccc 240  
 cttgctccac cgccagggtca aacttgtgga tcctatggac aggaaaccca ctgagatcga 300

<210> 133

<211> 300

<212> DNA

<213> Homo sapiens

<400> 133

cccgtgagt ggcagtggca ggaagtcggt ggaagcagat ccctgtgcag aagttgaatt 60  
 accagggcgg ccacacacgg gctgcacaac ctttgcaagc gtgcacggca agtgggatgt 120  
 ggctccgcc catgattggg cacctgggtca ggctgggaga tccaaatagc acccagtggg 180  
 cagctgtccg acccctggag ggccaagcca ggaagaaac ttagggcccg ctgtgaccag 240  
 atgtcccttc cagttgggaa gactaaactg gtttgcccaa tatctcccag gattcccctg 300

<210> 134

<211> 300

<212> DNA

<213> Homo sapiens

<400> 134

ggtacctggt gcctctgact gcgcctctgc ctttgccgcc tggctcctgg tggttcaagt 60  
 tccagaaagg tccgagggct gtaaggtcct tagagaacct agaggctcct cctaggaacc 120  
 tttaaaaatg ataccctgcc ctgcgttgga gcctgtgaat ttctttgcat gtgagggggc 180  
 agctgtcagg tggctggctg agccagggca gaccagggag ccagcacgc catcgcgagg 240  
 gcctttctga tggcacagtg ctagccgttc ctctgcttc tccgccact tggccatgtc 300

<210> 135

<211> 282

<212> DNA

<213> Homo sapiens

<400> 135

aaaaagcctg ctttctgctc ccaggggttg cttttcccag gaggtgtgag cctacctgga 60  
 ggaggcttag gcacagggat acctgctgga ggtctgagcg ttggttgagc acctcctgtt 120  
 tgtaggatcc tgtgccagag cctgtgggga ggtggagaga ggctaggaga catagccccc 180  
 acccctgagg gatgagacag ctccctgcag gcaggctgtg ccagtcate tcaagcctac 240  
 agctgggctg ctggctgcat ggtctggagg gcgggtggga gg 282

<210> 136

<211> 260

<212> DNA

<213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(260)  
 <223> n = A,T,C or G

<400> 136  
 agatacattg aactcttcag gagcacagca gctgaagttc agcagggtgct gaatcgattc 60  
 tcctcggccc ctctcattcc acttccaacc cctcccatta ttccagggtac tacctcagca 120  
 atttggtggc ccctacaaat ggtaaaaact ggattacgcc cttcaaggct ttccttatgn 180  
 agccccantt gaggacatcc tggatttcct gggggagtnn nncagatat tcgnctcatg 240  
 gggnnccctg nnnnnnnntc 260

<210> 137  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 137  
 ctgggtgtcca tcagcacctc cgtgatccctc atgcagcacc tgctgcctgc cagctactgt 60  
 gacctgtgc acaaggccgc cgcccatctg ggctgttggc agaagggtgga cccagcgctg 120  
 tgctccaacg tgctgcagca cccgtggact gaagaatgca tgtggccgca gggcgtgctg 180  
 gtgaagcaca gcaagaacgt ctacaaagcc gtaggccact acaacgtggc tatccccctc 240  
 gacgtctccc acttccgctt ccatttcttt ttcagcaaac ccctgcggat cctcaacatc 300

<210> 138  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 138  
 gacggcagtg gggaagtgg cacaacctta caaggccaca ctctgtgcat cagcgacttg 60  
 gactggggcg tggttgagcc tgacctctc gttaccagct ctgtggacac ctacatctac 120  
 attctgtgaa gttctgggat taccgccagc ctcggaata cctcaatatt cttccttgcc 180  
 aggtgcctgt ctggaaggcc agatacacac ctttcagcaa tggattgggtg actgtgatgg 240  
 ttccccagct gcggagggaa aacagccttc tctgtggaa tgtctttgac ttgaacaccc 300

<210> 139  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 139  
 gatgcacggg cactttggag gaccgagcgg ccactctgag taagatcatc caggtggcgg 60  
 tggaactgaa ggattccatg ggggacctct attccttctc agctctcatg aaagccctgg 120  
 aaatgccaca gatcacaagg ttagaaaaga cgtggactgc tctgcggcac cagtacaccc 180  
 aaactgccat tctctatgag aaacagctga agcccttcag caaactcctg catgaaggca 240  
 gagagtccac atgtgttccc ccaaacaatg tatcagtccc actgctgatg ccgcttgtga 300

<210> 140  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 140  
 tgtaggcaca agattttctt gctagcggaa tgtgaaccaa aaagtgtaga ggccaatcag 60  
 taaaaatatt caaagccagt ttgttgttt tcagcagtta gtaactatca gtagatgaat 120

atttactagg aacattggt cttttaacca ctttgggcat gcttcttatt tagtatgttc 180  
 atcatgattt agtatcatga cattcagcga acattttattg agtgcctact gtgcactagg 240  
 gactagtaag catgttaagt ttgtaagctt tgttgatttc caccacaaac ccataggacc 300

<210> 141

<211> 234

<212> DNA

<213> Homo sapiens

<400> 141

ccagatccta aagctgtgtc cttaatgaca gcaaagttaa gcacttcctt tgccttagag 60  
 acattttattc attctaaaga aaagcccacg atgcttcagt ggattgaact gttgacgaaa 120  
 cagtttaata atagtcaggc agcttgtgag tggtttttag atcgtatggc tgatgacgac 180  
 tggtaggcaa tgcagatact aattaagtgc cctaatacaa ttgtgagaca gatg 234

<210> 142

<211> 300

<212> DNA

<213> Homo sapiens

<400> 142

ggaatatcta agcagacata aatagtaaca tcagggcact tcagaatctt catccgattt 60  
 atatcttcat aggtccatgt ttctatttcc aaatgtcctt tatttcaaag cagcatgtca 120  
 ctaaaaaaaaa gaaatgggca atcatcattc ctcaaaagat acgtgcattt ggttgggcaa 180  
 aatcatccag gctaccagtt ggataataaa agtcgaaatg tactatttga ttttttccta 240  
 tgtttccaag caagtatttc tcaccagaca ctgcccccat catatcccct ttcctcttct 300

<210> 143

<211> 300

<212> DNA

<213> Homo sapiens

<400> 143

aataccttta aatccctggg cagcaccgca gggacagata ttaccgtcaa cagtgtgatt 60  
 ctacttccta aaaaccctga gcactttgtg gtgtgcaaca gatcaaacac ggtgggtcatc 120  
 atgaacatgc aggggcagat tgtcagaagc ttcagttctg gtaaaagaga aggtggggac 180  
 ttgttttgcgt gtgcctctc tccccgtggt gaatggatct actgtgtagg ggaggacttt 240  
 gtgctctact gtttcagtac agtcactggc aaactggaga gaactttgac agtgcacgag 300

<210> 144

<211> 300

<212> DNA

<213> Homo sapiens

<400> 144

ccaaaaggca taaagataag tgagggatgg agttctggaa gttgtgtatt cacgtaagat 60  
 ttactttcag gtattggcaa aaatcacagc tggagtgcag attaagcatg gtaggagggc 120  
 ggtgattgga gaaggaatgg aggggaaaaa ggaaaaacta caaatcatgt taaaactgtc 180  
 ctcatgagt tttacaagta atatactggt cttatatacc ctttcctcct accgtgggaa 240  
 aatatcacta acttgaata ggattaaatg aggcaatacg taagcttttt agacattttc 300

<210> 145

<211> 300

<212> DNA

<213> Homo sapiens

&lt;400&gt; 145

gagaaaactg	aaatcagatc	atacagatgt	tctgtactat	aatataaaaa	gaagacaagg	60
actgaaaaga	ttgagtgtag	aaattgacac	tctcagaagg	agaccaaaaa	tcgggtcttc	120
atcccaaaga	cctattaaac	tcaaagaagc	atcatattca	aatgataatc	aaattatttt	180
gcagagtcct	tcttcaaattg	gaactaaaaa	agacatacat	aatgtgtag	actttaaacc	240
taaagatatc	aaattgacaa	atgctgggag	caagcttgac	catggaatta	aaagccttag	300

&lt;210&gt; 146

&lt;211&gt; 299

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 146

gcacgcccc	ttttctccgc	cacttcacca	gtttctgaaa	tccaacctcc	cagacttcac	60
aggaagatag	atattcttga	gataatgaaa	agtgatattc	tcgcatacca	taggagaaaa	120
ggctgaggta	tatatgattt	ttaactgtat	taggggtgta	tgaaccagtt	taaaaacgag	180
gttttattta	ctgtagagat	gaatgcaaat	cagaaccaat	gatcccttgg	cctacttagt	240
taaaaccagt	tcatacatcc	cttaggggtt	ttattattat	tattattatt	attacagtt	299

&lt;210&gt; 147

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 147

gcacccagcc	ggcttcatct	cttcttga	tcacttttat	accattctat	gtggttctca	60
ccatgagctt	gagtgggtgg	ctaaagtgc	tctccctgct	ttcagcttcc	tgctgggaac	120
tcactctctc	aagtctcttc	cagcaccacc	ccatagagtt	cccatcactc	cacactgtcc	180
agtgacaact	cccaacatgg	aagatctgct	agttctacag	ggtgctctct	ggctgcccc	240
gtaacatgtg	tttttaaatt	tttcacatgc	atgtttgacc	ccgactcccc	gaagtcaggt	300

&lt;210&gt; 148

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 148

ccggctaatt	ttttgtattt	ttagtagaga	tgggggttca	ccatgttacc	caggatggtc	60
tcaatatect	gagttcatga	tccacccacc	ttggcctccc	aaagtgtggt	gattacaggc	120
gtgagccacc	acaccagcc	agttttccta	ttttctgaat	tcagaattga	cttctctggg	180
aaaactggag	atgagaatct	gcccagtgct	ctgctgtcca	gtcaccgcct	tttgaatttt	240
agttttggca	ccaggagtac	cgttagcttt	ccccctcttc	tggccccatt	gcgtcatttc	300

&lt;210&gt; 149

&lt;211&gt; 296

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(296)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 149

ctcgcagctg	tcagagttgg	tcctggctgt	ggcgtccaaa	cagcttgagg	gaaaaagatt	60
ctggctaacc	acctcatcta	ctactcaagt	tctttctgaa	ggagggattt	cttcagttaa	120

```

ccatggacag tgaggtttct caccacagta acttgagtc aggttgaggg ggagacagat 180
ctgtggtaaa tctntgantn gnncatcnta ntgantgnng aaccnctcag gactcnttat 240
gnaanganct tgtgtgtnaa agaaccnntg gagcngatct ggagacctat atgtgt 296

```

```

<210> 150
<211> 141
<212> DNA
<213> Homo sapiens

```

```

<400> 150
ggaaggacta cggatccgca ggaagaggca gttggggggc agggggcccag tagaggaggc 60
tgagctcctt ccaactctc agaacctcca ctctatggat ctggacctct ggattcggct 120
ttctccctgg gcactgcctt c 141

```

```

<210> 151
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 151
ccgagatggg gacactgcac tccagcctgg ctgatagagc gagactccat ctataaaaag 60
taaaaaagaa agtcttcagt gaaaggagat tcgccctatc agctatgaaa gcacagaggg 120
gaggaacatg gagtaggggc tgcctgcagt cagatcctgc cctcacaacc ttgccagggg 180
aacaggctcg tgggtacaaa ggttgtgtgc ctcaacttcc tcatggaagc acgtgagatt 240
atattataac catagagtgg agacagtcag tatgaccacc aaaccagga gccatatatt 300

```

```

<210> 152
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 152
gtggttgtgc cttttccag ctggaacccc tcaggttctt gcctggtgtg aagttcagat 60
tcctcaggct gagctgctct tgcctcagtt tcccagcctg accaaaggaa gcaggtgggg 120
cctctgggat aaagagcgtg tgctggccct tccctgtgtg ccccgagac acacactcca 180
cccactccc catgcccag ggcccaccag gctgacttct ccgctgcttc tgacgggctc 240
ccttgccctc tgggttccag tcagccagca ggaggcacca gcaggaatcg gagggtgaga 300

```

```

<210> 153
<211> 257
<212> DNA
<213> Homo sapiens

```

```

<400> 153
ccctgttta cagcaataag cacgtcctcc tccccactc ccacttccag gattgtgggt 60
tggattgaaa ccaagtttac aagtagacac ccctgggggg gcgggcagtg gacaaggatg 120
gcaaggggtg ggcattgggg tgccaggcag gcatgtacag actctatatc tctatatata 180
atgtacagac agacagagtc cttccctct ttaacccctt gacctttctt gacttccctt 240
ttagctttag acccctt 257

```

```

<210> 154
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 154

```

```

gttatcccg aagtctcaat tcttcctgaa gacctagagg agctctacga cttattcaag      60
agagaacata tgatgagctg ttactgggag cagcccaggc ccatggcctc acgccacgac      120
cccagccggc cctatgctga gcagtaccgc atagacgccc ggcagtttgc acacctgttt      180
cagctagtct cgccctggac ctgcggggcc cacacggaga tctcgcgga aaggacgttc      240
aggctcttgg atgacaacat ggaccagctc atcgagttca aagcgtttgt gagctgcctc      300

```

&lt;210&gt; 155

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 155

```

aaagaaagca gcagagaaaa aagggagtgg tctcgtagcc caagaagacg caaatccaga      60
tctccttccc ctagaagacg atcttcccct gtcaggagag agagaaagcg cagtcattct      120
cgatctcccc gtcacagaac caagagccgg agtccttccc ctgctccaga aaagaaggaa      180
aaaaactcca gagctcccag aaccttcagt gaaagtaaaa gaaccttcag tacaagaggc      240
tacttctact agtgacattc tgaaagtccc caaacctgaa cctataccag agcctaaaga      300

```

&lt;210&gt; 156

&lt;211&gt; 274

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(274)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 156

```

catcacgggt ttaccacagt gtgaaagaag gacggacact ggatgccaaag atgcctcgaa      60
aaagaaagac aagacacagt tcaaaccac ccttgagagag ccatgtgggc tgggtgatgg      120
attcccgatga gcacaggccc agtactgctt ccatnatctc nannctntta tatggnatgc      180
ttactttnnn aannattnnn tngtntntt tngnatagct cttnggcttn nttntggnat      240
tgctntnntt tnnntnggtt tgtntgttt tttt                                274

```

&lt;210&gt; 157

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 157

```

gcagatttgg ttccatacct cttaaaatta ctcgaaggca ttggccttga aaacctggac      60
agcccagcag ccactaaggc tcagattgtt aaagctctca aggcaatgac tcgaagtgtg      120
cagtatggag aacagggtgaa tgaaatcctg tgccgttctt cagtctggag tgccttcaaa      180
gatcagaaac atgatttgtt catttctgag tcacaaacag caggatacct cacaggacct      240
ggagtgtgct gctaccttac cgcaggtaca tctacatcag tcatgtctaa cctgccacct      300

```

&lt;210&gt; 158

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(300)

&lt;223&gt; n = A,T,C or G

```

<400> 158
cctaccatg tgttccgaa ggctgggcac tgagctccca ccccagcat acagctcatt      60
actcacacac cctctgccgt ctacagagta attagtagag gaacacgccc ttttctctgg      120
agatttccgc cccagtcgta ccaactcttt aacaaggaac aaaagtcaac aacttcaagt      180
ttcctgtgag gatgaaatcc agagtttcta atgactaatc tccatcgtca aaagaaaagg      240
caaacctcag ccccttcaga cagctaatagc caggagaagt tcatgantat tnnaagaaag      300

<210> 159
<211> 300
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (300)
<223> n = A,T,C or G

<400> 159
ccgactagta acatatatca tagcttccaa agtatttggt tacagaatac cacagtgact      60
aattaccaga acttttctta ttctctctga gcaaaggaac ctcatgggag aaaaaaata      120
taggtcattt ttaatgtaag ggagttgcta ggattggagg ttaagacagc tatttacact      180
tcatgnangg antnnctgan gacctcaca nnggttntct aggnatagag aaaggtgcaa      240
atcttcttat cagaaacgca ttataaatag aaaagaaact cttaaaagag attcttcaaa      300

<210> 160
<211> 300
<212> DNA
<213> Homo sapiens

<400> 160
ggcacagtcc tctctgttca tagaaacacc tgccagtgtc aaggattcca gtcaggtgtc      60
tatcccaact ggtcaggag agaagggcag acccattctc aaagaccacc atgtccaagg      120
tctgacagct cccactggc tgccccaca ggggcttttag gctgggtctgg gtcatgggga      180
agcgtccctc ttatcgtctg tctgtgttct cctgggattt ggtatctatg ttggtacgac      240
tcctggcctt ttatctaaag gactttggct tttgtaaatc acaagccaat aatagacttt      300

<210> 161
<211> 288
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (288)
<223> n = A,T,C or G

<400> 161
gctggaggca ttcgaaaggg actcccgatg tgggtggcgg ggctgaaccc tgtggcttct      60
gaggtccctg ccagccagag acttgtgtga gtctttgaat ggcttcacat gaacaaaaga      120
gcattttctg cacttttctt ctagtttttt ncatcncacc natctnngag ctgaggcnnn      180
gttntttctc nnattntatt tctntntntt ttttntctct ttttntctna tttttntn      240
tgttacannt tnnnnaattt cnttnttttt tttntntctt ctatcttt      288

<210> 162
<211> 293
<212> DNA

```



<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(293)

<223> n = A,T,C or G

<400> 162

ctcaaaagtc agcacaacaa gtggaaactg gccaaaccagt atgagaaatt ccacagtcca	60
agggaagag aagagtatag tgactgaggt ggggtctctct gtccaacatg caggcagcac	120
tccctcatcc tgctcagtga gagaattcag ggggaataga aaagctgctg agagttggta	180
aagaggatgg tcgagtgaga tgggtgttgac ctccctggat cttatgttac tacatcctgg	240
acctcnagag gntcatccaa nctttttgaa agctnatctt cttgncctgg taa	293

<210> 163

<211> 300

<212> DNA

<213> Homo sapiens

<400> 163

gtggcgcagt ctgagttcac tacagcctcc acctcccagg ttcaagagat tctcctgcct	60
caacctccc agtagctggg actacagttg aaaaagatca tctagcaaag cctttttccc	120
agctacatat aaggaatttg aaagtcacat aaaatggta agaaaatgtg ccaagattac	180
ctcagtaatt ctggtctgtg ttctcaggag accctggaaa taaacaatgt gtcttctgtg	240
gcttcagcgt cacctagtgc aggctgccat tcaacaaacg cattgtcaac agtcaaccaa	300

<210> 164

<211> 265

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(265)

<223> n = A,T,C or G

<400> 164

gccagattga ccaagcgcca gagacaaaat gtggcacaac gagaacccca gccctgtcca	60
ggtggctccg cgcccagggc ccaggcttag cagtgtctccc tgccctatct tttggaaatt	120
cttgccttta tggtnntnan ctctttange cctnaatanc nangtncttg ntgnngttn	180
cttntcnttg ctgctnttnt tttannntcn nnatntnnnt ttngngctaga gctntngcta	240
ntnatatnnt tnnntttntt gtttt	265

<210> 165

<211> 265

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(265)

<223> n = A,T,C or G

<400> 165

atcaggactg tgtatgtctg agcacatgtg gctctgtttg ggattacgtg tttgtctgtg	60
aatgtgtgtg tgtgttgagg ggtgtgtctat tgtgtgtggc tgtatagggt gtctgtagat	120

```

caagatgtgt atacagctgc ttctgctatt gctgggttgg gggaggtgnc tganaanctg      180
nnactgnnta tentgannna agangggngn anggcncacc cctgntnctg ntcatnntta      240
acctngntcn nnatntngnn ctctg                                           265

```

<210> 166

<211> 300

<212> DNA

<213> Homo sapiens

<400> 166

```

gggttgagaa ccaagggagt cagatcaacc agtcagatca accatgtggc tgcaagacag      60
ggcagagagg ggacgtcagc cccaggcccc tccacacctc atgtgcagtt ctacagcacg      120
ggcacaggca ctgcctacac agagccaacc tctgagccca gacccctcca ctgtaaaatg      180
agaataagca ctcaggatgg ttgtgaggat tctaataacag actgagaaga aatggtgacc      240
taggctggca catgggacac tcccccaagat gtcctctttt catttccctc aagcccagag      300

```

<210> 167

<211> 300

<212> DNA

<213> Homo sapiens

<400> 167

```

accaactgat gaccaccag cctaactctgg cccacaacca tgttctgttc ggtccatggt      60
ctatttaaaa gtatcttgaa ttggttgcca tcatttaaac tcaatcagac tttgaaggca      120
tggtccagcc acacagggcc tacattccca catggcaact atgaaagggc tccagcccag      180
caggggctgt cccggtcctt gccaccccca cttectgtgc ctcagatctg gcccttgcta      240
cgtaagataa ggacagctac aggtccctct gaggcctaac ccacctaacc ggactaacat      300

```

<210> 168

<211> 246

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(246)

<223> n = A,T,C or G

<400> 168

```

cctgatcctg ccaacagcag ttcaggccag cccacatgg agcaagtacc tgaggcccag      60
ccccttgggg acttgcccat cctggaagtg gaggagatgg agccccgcc ggttatggag      120
tccttcagc cgcgccaggc taccgccccg cttgactctg ggtgnganan gnantttttg      180
tttttatctt angaattggg ncnttttgtg nmnaattgn nttananttt ttntntnnnn      240
nntntnt                                           246

```

<210> 169

<211> 300

<212> DNA

<213> Homo sapiens

<400> 169

```

gcgaagcagg cttttgtctc tgtatccaag ttgctgtcac agtgtaaatt tgatctgttg      60
gaagaacttg tggccaaaga ggtgctacat gcattgaaag aaaagggttac ttcactacct      120
gacaaccata aaaatgccct tgctgctaac atagatgaaa ttgtatttac atcaacagga      180
gacatctcca ttactatga tgagaaaagga aggaagtttg ttaacatcct gatgtgcttt      240
tggtatctaa ccagtgccaa catccccagt gaaactttaa gagagagccag tgtattccag      300

```

<210> 170  
 <211> 274  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(274)  
 <223> n = A,T,C or G

<400> 170  
 aagagacgag cgccccagac aggcctggga aggccctctt gccccgtcag ggggtgaaaag 60  
 caaagctgga aggattcgga gaggggtggg gccgtcttcc tcatecttcc ttttctcggg 120  
 gctcccgtgg gtaggtgcac ttggagcaac cgggcctgcg ggggtgtgcg ggggtggagggt 180  
 tgnngaggnn atcgnnnng gcnccccng gtacnctcnc nncnnnncnc nttnnnnncnc 240  
 ttctcnntnt cncnncnnt ccnnncnctc cctc 274

<210> 171  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 171  
 agaagactct tccccgcca agaaaactcg tagatgccag agacaggagt cgaaaaagat 60  
 gcctgtggct ggaggaaaag ctaataagga caggacagaa gacaagcaag atgaatctgt 120  
 gaaggccttg ctgttaaagg gcaaagctcc tgtggacca gagtgtacag ccaagggtgg 180  
 gaaggctcat gtgtattgtg aaggaaatga tgtctatgat gtcatgctaa atcagaccaa 240  
 tctccagttc aacaacaaca agtactatct gattcagcta ttagaagatg atgccagag 300

<210> 172  
 <211> 293  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(293)  
 <223> n = A,T,C or G

<400> 172  
 gatggccaaa aatataaaaa aggatacctt gcatgtcctg tgaaatgcaa aggaattcta 60  
 aagtgtcatt atgagttacc tcatggaaga aagcaaaaagg tgaatctatc tagagtttgt 120  
 ggttctgact cacaagagac tgatgttcat gctgaaggac gagtgtgaca ggtggaagga 180  
 tagagcaccg agaccacact ctaaaaggta ggaatctatg ggaactattc agggagatga 240  
 aagcatggaa tgaactgaag cttgcagact cggtgagtan naagcgcgtt tta 293

<210> 173  
 <211> 271  
 <212> DNA  
 <213> Homo sapiens

<400> 173  
 aataccctct tcccttgcaa tggcataggg acatctagaa tatagagaag acagagacaa 60  
 tggaggaaga gtaaagaaac tgactatatg ccttcttcat ttactgcaa ggaaggccaa 120  
 gcagattttt gaatgaggtg tgagattgct gttaaattgg actggcctgg acattttaat 180  
 cccttaata gaggtgcaat gattaaagtg agatttgtca ctaaaattta tggatatctgc 240

ccaagattca ggagtgatgt tgggaggaga t 271

<210> 174  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 174  
cctaagcagg catctgcagc atcctatttc cagaaaagaa attctcaaac taataaaact 60  
gaggaagtga aagaagaaaa tcttaaaaaat gtattatctg aaaccccagc tatatgtcct 120  
cctcaaaaaca ctgaaaacca aaggccaaag accgggttcc agatgtggtt agaagaaaat 180  
agaagtaata ttttgtctga caatcctgac ttttcagatg aagcagacat aataaaaagaa 240  
ggaatgattc gatttagagt attgtcaact gaagaaagaa aggtgtgggc taacaaagcc 300

<210> 175  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 175  
aagagacagc ctctctcttc tgtctcagaa gctctgtgtt tgggaaactt tgagcccagt 60  
gagtagcagg gtctgcagtg tgagtaccag gtttccctgg caatccaggt ctctctctgag 120  
gaagcattct gacttcccac tgaccacgga aggcattgtca gcttcatgcc tcgggctaga 180  
gttctgataa tcggggctga ggggtgaaaa agaaaatcca gtcaggacag acagtgggga 240  
gacaggcccc tgccctttat ttgcgggatc aatcagggac tcccagaaag gaaggagaat 300

<210> 176  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 176  
atctgttcag ttctggcttg aaaatgtgtg tgccatactg tgaccacagg gcagcccctc 60  
ctcctctact gtgtcaggtg gaccagggtc acctctgttc tgcgagcctt tgagattcta 120  
ggattctacg gccggcacga atggcatggg agggttctct gcacgggacg gcataacggc 180  
atgccatcct tcaggctggc aggagcctgc gcaggtgtgg caaaatcttg aaacagcctg 240  
tgtcctgcct ggcttttcac tttcctattt aatataagaa agcacttttt tttctgcttt 300

<210> 177  
<211> 268  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(268)  
<223> n = A,T,C or G

<400> 177  
caaagtgtga ctttgctagc agtttactca acaatgggca tgtcatctag agttcccaag 60  
atttttacca tcttgcaaca gcagtcatag gagaatatgc ctcaatcaaa atcaggctaa 120  
aaatttgttt caattctgcg tgtgagctgg gaccttangn ctttctgntc tctattntn 180  
ttttctntn nnntctntn cattncgtna nttnncnnnnn nnnantnntc nnnccnntnt 240  
tctnnaatnt tctnntnat nttaatta 268

<210> 178

<211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 178  
 agcaaatggt gctggagtgc ggtggctctt aagagtctcc acagtttgct agtttgaatc 60  
 agggactgga tttgttgtaa tttttttgag tttttatggt tgtgactcaa tatatccttc 120  
 cttattggat acattgaagt ctaactgaga atcgatatct gtcccttgga cttgagtgtg 180  
 aaggaaagag aagctttaat tactactaca acatgacctc aaagtttttc aagtactcaa 240  
 tgttgtgttt tctttttaat ggggctgttt gtgaagatga ggcattagga tgttgtgatt 300

<210> 179  
 <211> 270  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (270)  
 <223> n = A,T,C or G

<400> 179  
 caacaaaagt cgtgagtgat cagtgaagc tctgctgtga aggtgacatt tgataactgg 60  
 ggaagactgt tcaggtaatg ggggcacatg tgtgtgcaga ggcctgaaga aggtgctggt 120  
 gtggcaagaa tagccaagag actcatcact ggacccgatg gggagaggag taaaagaaaa 180  
 ggtccaagaa ttggaagaga tggcgggcag gtcattgtagg gccttacaaa naatttgact 240  
 ttggctgaga gggcnagccgt taaaaggggtg 270

<210> 180  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 180  
 atcagatggg gttgttttta ttggtatcca gttatgtttg cttgtctttc cagatgggcc 60  
 cagttattag ccatacatag tacattgata cacctccacc agcgggtgag gaaatgatgg 120  
 aaaaaggagt aagaagtggc cattcgtttt aatcattcct cctggatttg tcttcagtcc 180  
 ccaactgcca agtaggatgt gtccatgtat aaatgtgtgg ggcattgacta aagtaccacg 240  
 tagctgttct ttatatattat ttacctagaa agatctggca aagaactcaa agaaaattgt 300

<210> 181  
 <211> 260  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (260)  
 <223> n = A,T,C or G

<400> 181  
 gttggttcc ccgggagagg agtatgagga ttaaaaatat tcagaaacaa acaaaagaac 60  
 acaaaaatgc aaacacatgg tagggaatta ctactgttta ttctcaacag taccacagaa 120  
 ccagtgtttg agtgtgtgca ccatatgcaa catggggcat ccgggctgga gtgatccagc 180  
 tttttagatt cattgtatga ntcattntaa ggnnnaggag tcttnnnnta nncnannang 240  
 nnnncnnttn ttnnnntacc 260

<210> 182  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 182  
 ccttggtgca tgggcctgga gccctggggg gaactgtggg aactctgagc cgtctggccc 60  
 tgagggtcga gcctcagcct ccacatctgc ctggtgcggg cctggctgtg gggctctcagg 120  
 ataaggacat agccccctgg aagctgggaa ggccccacat caggccttgc agtttctaac 180  
 ccaggaggtg gccgacagca gtgcgttggg gctgcctgtc cctgcacacg aggccctggg 240  
 ggggtgaatgg aggcctctccc tgtttttgtt agcattggag gcctgagcag ggctaacgcc 300

<210> 183  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 183  
 agaaggactt cctaattccat gaaaaccatg taaagtttga tcatatcatt agctattggt 60  
 cagacctatt ttgtgttttg agaaaaacag acacatgggg aaaatggtga ggtgaggtag 120  
 tgtgttgagg agctggaagt gagcagctct taattttttc ctctgagac tgagttcggg 180  
 agaagagtag accatggcat ggaggtggga gagacaagga cagagttggg gaggtcactg 240  
 cctcacactt ctgctcacac cgctgggtct ggtggaaact caaagtttgt atctaaaaat 300

<210> 184  
 <211> 265  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (265)  
 <223> n = A,T,C or G

<400> 184  
 gtcctccctc gtgggcctcc caaagtgtg ggattacagg cgtgggctcc cgtgaccagc 60  
 ctggaacgtg ctgatgagcc tctttttctc ctgaaacccc ggtgggaaca gatggtggat 120  
 gctttcaaaa cgcattgaan ntgnacttna agacntgagg antgntntnn gangantttt 180  
 tgagattttt tttaanatan ntntttttan ntttnannnn ccnttggaan cagatngngt 240  
 ttntntnaaa nttnattnaa tctgt 265

<210> 185  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 185  
 aaagaatgaa atgtccaaac ccttactgac aaattatacc tgacagcaga atacaccac 60  
 atctactaag aggcttccat ggtttttact gctatcactt tgattactcc aataatgaaa 120  
 ctattgaatc tgtttcttag aagccaaggt aagaaagcag agaatagtct gccattgaac 180  
 tgatagcatc tgttttataa ttatctggtg acttttctag agaagatgta taaaggctgt 240  
 gttgtttcat gtacaccaca cttgaatgat tgcttcttga gttggattgt actccagtta 300

<210> 186  
 <211> 300  
 <212> DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 186

ctttttgtaag	attttgttcc	ctcagcttga	ggaacaactt	catcttcaac	tttttatttc	60
tccctgatgt	tacagtttgg	tagatttcaa	actggaatag	ctagcatgtg	cttgctaaat	120
aattttatgc	cagccttata	ctgtatccta	gctgttctta	acagcaggta	caaaaatgcc	180
tgtttttcag	caaggttgaa	attgggaatg	tccttttgaa	tcagaagaag	ataggccata	240
gactcatctc	ccagcacaaa	ggggcattct	atgaaatggt	actggcccta	ggaggatttc	300

&lt;210&gt; 187

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 187

gcagactcca	ggttaaaagc	gcttaatgca	acattcagag	tgaaaaaccc	agacaagaga	60
tttactgacc	ttaagcacta	tagtgatgaa	ctgcagctcg	tcattctcaca	tcttcttcga	120
gtcagagcta	gagtagcaga	tcgactctat	ggtgtatata	aagtacatgg	gaattatggt	180
cgagttttca	gtgaatggag	tgccatagaa	aaagaaatgg	gtgatggact	gcagagtgtc	240
ggatcatcata	tggatgtgta	tgcatcttct	attgatgata	ttttggaaga	tgaagaacat	300

&lt;210&gt; 188

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 188

gtcctccaag	acctgattca	gcctttcaca	cggtggtgcc	actggtccca	gggtgcgccg	60
gccccatctc	ctcagggcag	tgggtgggga	agactcacca	ctacccctaa	aatgggaaga	120
gaccaggggt	ccaaagtgc	ccccagtggg	ggcttcacac	gccagggagt	acatgagatg	180
atctctgtgg	tccctgatac	acagctttca	ttttgagaga	cacaattatt	tgagtatcta	240
gtaattcaag	cctgggatcc	aaagatatca	tttaagatga	aactgaatat	ttctcttctg	300

&lt;210&gt; 189

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 189

cctgaactca	ttaccttcaa	gtatggaaat	agcagtgtt	caggaataga	aatcttggca	60
atcgaaaggt	atgtgattcc	aaatgcaggg	gatgcaacta	aagccataaa	acagcagatc	120
atgaaagttt	tggatgcttt	ggaaagttaa	tataaaagaa	aattatataa	aaagaaatta	180
agacaaccaa	gagaaacatg	gacatatacc	tcctgactga	atactaactg	gagacctttc	240
atgtgtcat	ggggctgctt	aaatagcagg	tctaagaaag	tgtaaattat	tataatcaat	300

&lt;210&gt; 190

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 190

gtggagatga	cccctgagaa	gttcagtgtc	ttaatggaga	agctctgtaa	aaaggggctg	60
gcagccacca	cctccatggc	ctatgccaa	ctcatgctga	cagtgatgac	caagtatcag	120
gctaacaatca	ctgagaccca	gaggctgggc	ctggctatgg	ccctagaacc	taacaccacc	180
ttcctgagga	agtccttgaa	ggccgccttg	aaacatttgg	gcccctgacc	atccaccaag	240
ggaccaccct	cttggtgctc	catcaccagg	ttcctgaagg	gcatttcttt	cttcaccacc	300

<210> 191  
 <211> 266  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(266)  
 <223> n = A,T,C or G

<400> 191  
 gacaagcgct ggagccgcag ccctcagact ggcacgggaa cgccagcggt ggggtgttcag 60  
 attccacgcg tatgtctggg ctcactcaca gcatggccga gtgtctgcag tgctggteet 120  
 gacccttcca gagcagcagt ggacagatga gataagactg tttcagaaac naanatggnc 180  
 acagccttcc taacangcag gtcactctggc catgtctgta tngtnacttg ttaaaangct 240  
 tcngtnatat tgattgatna natatt 266

<210> 192  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 192  
 tcctggatca gtttctttgt catgtagcca agactggaga aacaatgatt cagtgggtccc 60  
 aatttaaagg ctattttatt ttcaaactgg agaaagtgat ggatgatttc agaacttcag 120  
 ctctgagcc aagaggtcct cccaacccta atgtcgaata tattcccttt gatgaaatga 180  
 aggaaagaat actgaaaatt gtcactggat ttaatgggat cccttttact attcagcgac 240  
 tatgtgaatt gttaacagat ccaaggagaa actatacagg aacagacaaa tttctcagag 300

<210> 193  
 <211> 281  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(281)  
 <223> n = A,T,C or G

<400> 193  
 cacactataa atggaagaaa aaaattaata gcttctgttt aatctgatga atgtggcttc 60  
 ttttgccctc actatattgc cctgtgaagc tgctctttgg tggntatatt atngnactgn 120  
 ctgntnttat tttgcttatt gcctttnttn nnnttgnctt tatcncattt tntngtnttt 180  
 ttnttcnntt gnttacnntt tnnnannntt cntnngttn atttnnnnngn ntctntnttt 240  
 aanncnngng antntttttt tctnnngnng annntttctt t 281

<210> 194  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 194  
 tgattgatga gggctgtcgg ccaggaactg atcgaggctt gttaattgca tttgtcaaatt 60  
 gcaggggaaat tgggaattag tgaaatcgga gaaggggggt tggaaaacaa atgactcgtg 120  
 cctaaggaaa ttttttgcag gaaagtatct caggagcccc tgcagtcagg gagctgctgg 180  
 tgtggactca gactacatgg ttgaaatagg caggagctgg gcggggcaca gtggctcagg 240



cttgtaatcc cagcaccagc actttgggag acggaggcag gcagatcact tgatgccagg 300

<210> 195  
 <211> 278  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(278)  
 <223> n = A,T,C or G

<400> 195  
 gttaacagtg atgatgacag cgtgctgctg gtacactgta tctcaggctg ggatcggacc 60  
 cccctcttca tctccctcct gcgcctttcc ttgtgggctg atgggctcat tcnacagtnc 120  
 ctgannccca ntgagatcct ntacctcnet gtggncatg acgggttcct cttctgcacn 180  
 tgnnggttnt tctnactntt attttntnn ttagtnnttt nctantttnt gnntattntt 240  
 nntatntntt ataatcnntn nntnnnttcc tattattt 278

<210> 196  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 196  
 agagccctct gtttgcagct catggaggaa gcagcaggga aaacctggcg ctgcaaaatg 60  
 tgcaggctcg aatacggatg gtccctcgct atctgtttgc tcagttgagc ctctggcttc 120  
 ggggtgtcca cgggtgggctc ctcgtgctgg gatccgccaa cgtggatgag agtctcctgg 180  
 gctacctgac caagtacgac tgctccagtg cggacatcaa ccccataggc gggatcagca 240  
 agacggacct cagggccttc gtccagttct gcatccagcg cttccagctt cctgccctgc 300

<210> 197  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 197  
 cttgggcaag ctctttatcc taagattcct cagtgagcct tatagagttg ctgcgagaat 60  
 tacatttggt catgatgtca agtgtctggt atgtagctaa tgcttattga acacatagta 120  
 atttattgaa taattgtcat gatcactgga tgagatatag ccactgtgga ggtaggcaca 180  
 ccagggtttt agaggcttgg gatcttgcaa caggattttc ctcttgcttc tccaaactgc 240  
 cctttgccca gatggcttca gcatcttttt gcatccctgt ttccttggtt ggtgaacacc 300

<210> 198  
 <211> 294  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(294)  
 <223> n = A,T,C or G

<400> 198  
 ccactaacag aactgaagaa aattctaaac gaaatggcaa aaagaaaatt cattttttgg 60  
 ctctctgctc tgaagaaccc ttgttataac gtgtttatag catctttggt agatggagag 120

```

agatctttta tgacaaagag tgtgatacaa tttttttaat gcatataggg cattgttctt 180
cctagagcat atttacataa attatctcat ttggaaaaca caacaacctt atacttgtgt 240
ctgcattcgc ttgggcattt taaaggtcgg aagaanttga ancttttcaa gagt 294

```

```

<210> 199
<211> 263
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (263)
<223> n = A,T,C or G

```

```

<400> 199
agttccctca cttctctgca cacctattcc cagattccat ccagagcaaa gctgatgttt 60
atcgtctcat tgtacttagg ctttcgtact ttaaaaaatt atgacttttt aaaaaataagc 120
cttcagcaga cagaagtga gaaatttagc ctgggttgcc tcagcaacaa agtctgcggt 180
tcctaagagc cacatgttgg ggaagcgggg tgnntnnnan ntggtgnnga ngngnnnnnn 240
nnnnnnnnnn nggnnnnnng nnt 263

```

```

<210> 200
<211> 276
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (276)
<223> n = A,T,C or G

```

```

<400> 200
cctctccttc catgtcacia actaaccac atcaccattt tgcaaacatg catccttggg 60
ctcaagtgg cctaacaagg aaattgaaca gatccattga aaagataatt gaaagcacat 120
atcctcttgg atcagaagga catttagcat ggtacctctg catcattcat gtgttcattc 180
attcatttca cagatccttc aagaatacct tctatggcct agacactgtt gcatgtgaag 240
nccacngana accactattn caancgggac cctttt 276

```

```

<210> 201
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 201
ggggagtaac agaagcctgg atacaattac tctatcagga gatgaaaggg actttgggag 60
actgaatgtg aaattgtttt ataattcttc agtagaacag atctggatca cagttttaca 120
gtgcagagat ttaagttggc cctctagtta tggagacact cctactgttt ctataaaagg 180
aatacttaca ttgcccaaac cagtgcattt caaatcttca gccaaaggaag gttccaacgc 240
tattgaattt atggaaacgt ttgtatttgc tattaaactt caaaatctac aaactgtaag 300

```

```

<210> 202
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 202

```

```

atgtgcctgt aatcccagct actcgggagg ctgaggcagg agaatcgctt gaacctggga      60
ggcagaggtt gcagtgcgct gagaccatgc cactgtactc cagcctgggc aatagagcga      120
gattctgtct cccaaaaaaa caaaaaacaa caacaaaact tgctaccacc cagggatttt      180
ctgctattta aaaggtgaat ttcttttctg gtactaaact gtagctgctt aacttagtaa      240
aggctgtgtt tggccaggcc tgtgccagag gtcacactgg agtgctccac ccactggcag      300

```

&lt;210&gt; 203

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 203

```

aagaactcca tgttccactt agaggcttca gagtgcagtg ccaggggtgc cttcccaaaa      60
gtcctccctg cctgggtgga gcgtagacag ctcagcacc cccggggggc gttggagcca      120
gccttggttt tgttgggtaa ggatgttaga agaggggcga agaccatag ccactgggtg      180
gaagggctct ctcttgaccg aaggctgcct ccctctgggt gcagaccagg caggtgggtcc      240
cagtcacggt gccctggggc cactgggtct gtctgccctc aggtccact agacacacct      300

```

&lt;210&gt; 204

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 204

```

ttttgcacaa gacaggttgc tgaggggtcg gcaagcatct gacttgccca atcccctgga      60
tatggtgagc cccgccatgc ttttattctg tatcgctttt gtctttattg ctgctttcaa      120
catttacgtt tggttacagt taactatttt cggagtgtgg tgattgaaga caatttcac      180
atcccactgt actttttttt tgagagggag tttcactctt gttgcccagg ctggagtgc      240
atggcacgat cttggctcac tgcaacctct gcctcctggg ttcaagcaat tctcctgcct      300

```

&lt;210&gt; 205

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 205

```

gccatttctt ctggccttta caaaaaggca ttttgttata ctacagtgtg aacctcattt      60
ttttcactcc aaaaggtagc agcccctctt ctcccaccc tggacctgcc tttcactccc      120
tgggcacaga gcgcatggta ccattgatgt ttggtttatt ccaggatcca aggagctgg      180
tctgctggtt ggaccaaacc tcgtgagcca gccaccctg acccaaatga ggagagctct      240
gattctccca tccgggagca gtgatgtcaa acttctgctg ctggggaaat ctcacagca      300

```

&lt;210&gt; 206

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 206

```

ctgacttcaa ctgcaatggc cctgtcaaca cacagggatt ctacaggggc tcccctgggt      60
gcgtcatgga tgcgttcttg cgccacggct gtgaggcagc cttcgtgagc ctgctggtag      120
aatttgagc caacctgaat ctagtgaagt gggaaatcgct gggcccagag tcgagaggaa      180
gaagaaaagt ggaccctgag gccttgagg tctttaaaga ggccagaagt gttcccagaa      240
ccttgctgtg tctgtgccgt gtggctgtga gaagagctct tggcaaacac cggcttcac      300

```

&lt;210&gt; 207

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 207

ctcaaagaaa tccaagacag acaactcttc tcttagttca ccactaaatc ctaagttatg	60
gtgtcacgta cacttgaaga agtcattgag tggctcgcca ctcaaagtga agaactcaaa	120
gaattccaaa tctcctgaag aacatctaga agaaatgatg aagatgatgt cgcccaataa	180
gctgcacact aactttcaca ttctaaaaa aggccacct gccaaagaaac caggaagca	240
cagtgacaag cctttgaagg caaagggcag aagcaaaggc atcctgaatg gacagaaatc	300

&lt;210&gt; 208

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 208

gtaaggcctg ctttttacac accagttgtg tgtttgtag tggctgctgg atgccagtec	60
acaccctcaa acaccacaca gtcccaaacg ggggtgctct acagggtcca gggctcgtgt	120
agtggaagaa aggcagttcc aggaagtctt cctctagcct tcatgacagg aagtagttaa	180
tcctctggga aatagacttg cagccctggg aagaaaagag ttgttcctcc ttggggacat	240
acaccatcat ctgggctatt tcattccagt tctcttcttt atacaggagc tcctggctca	300

&lt;210&gt; 209

&lt;211&gt; 265

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (265)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 209

agtggctgag tggaggcgcc cagacctggg caggcagcag gctcaggccc acaccttgtg	60
atTTTTgaaa ccaaagccca gaagatgatg tttacttctc tctccctggc tctgcccttc	120
ttactgcaaa ccatgctgtg ccttagggcc cttctcatag ctgttcctca tggccatgac	180
tggaaacagg atgcaacctc tttctacaca agcacagtta gttgggtgaa gtcttttttt	240
tgnttgnntt anacggagtn anact	265

&lt;210&gt; 210

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 210

ccgggactga caccactggc caggaagtgg ctgaagctca gctggatgag gatggggatt	60
tggacgtggt gagaagacca cgagccgcct ctgattccaa cccagcaggg cctctgagag	120
acaaggtaca tcccatgatt ctagcacagg aagaagacga cgtcctggga gaggaagcac	180
aaggcagccc gcacgatatc atcagaatag agcacaccat ggccacgccc ctggaggatg	240
ttggcaagca ggtgtggcgg ggcgcctgct tcctggcaga ctacatcctg ttccgacagg	300

&lt;210&gt; 211

&lt;211&gt; 294

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(294)  
 <223> n = A,T,C or G

<400> 211  
 ccaggatgga ggtccggggc tgccccaagg gtcccaccac agccagcggg ctggcctccc 60  
 accccagcat ccatacacgt aggcctgttg ctgagggaag gccctctagg gtcactctgtt 120  
 ccagggggttc tttgcttcag ctgcacatcg gctgcctctc caggaagcgt gttcaacaca 180  
 tggaatcagg gctccacca gacctgccga ggccacactc ctggagtatc tgcattccaaa 240  
 gatctgcacg tttgtaaagc taagggggtgn tnnttgant aagcttnagg tttg 294

<210> 212  
 <211> 299  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(299)  
 <223> n = A,T,C or G

<400> 212  
 gcaagaccag catctggaca gtgggggctc ttgagagtcc ccggcgcccc ccacaccagg 60  
 ttgtcctata accctctccc ctctgtggag acgttaatgc caaggggtgt gtgnnnaggn 120  
 aagtcctnnt ntgcanccaa gattgacaga tanttctagt nacttcngg gnntccattc 180  
 ttatttttatt ccaatatnaa nanaatncag gttntgtcan attattaagg tgtgtttatc 240  
 tatatttttaa anaatctntt acanngtttt cttgcatctn gtnccattca tgtcttaca 299

<210> 213  
 <211> 255  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(255)  
 <223> n = A,T,C or G

<400> 213  
 aatatcccca aataacatgt cttacatgtt tggttaagact tactgtaccc tgtcctagaa 60  
 gatagaagat gccctgccct tagaagacaa agagactgta gagctatgcc ttctaaatct 120  
 taagccactc ttcagataat ggatcccttc atggtcagcc caaacatctc aagaactttt 180  
 aatttgtacc gtttgtcttt ttttccatct atttaatacc ncantnttna ctttattatt 240  
 atgaanccna tatct 255

<210> 214  
 <211> 138  
 <212> DNA  
 <213> Homo sapiens

<400> 214  
 tgcttgagag ggctgccctc tgcagagcgc tctctgtgtg ccagagagcc agagacccaa 60  
 gacagggccc gggctctgga cctgggtgcc cccctgccag gcgaggctga ctccgcgtga 120  
 gatgggtggt taaggcgg 138

<210> 215  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 215  
 agccgagctg ggcgctcctg gggatcggta cagctccctg ggggtggtgac aggccctttg 60  
 tgaaagtgtg gtgcttggtc ttccacccca gcccagaca ctgcttcaaa tagcaccaac 120  
 cagatgggag tccacatctg tgggtggcaaa atgctgacat tttccaaga ggtacacaag 180  
 gtgggagagg cctgctgtag cagaggtgtg tgtagagaa agcaggggcc tgatttagta 240  
 gcagagaact ggggtgagaaa aatggccaga gaaagtgacc tgccagctac cagtgtttcc 300

<210> 216  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 216  
 agctcattaa cttaccagag gttttaaaat ctgagaagca ctcattcaaa tgctttggtt 60  
 ttttgccatt tgtatttcag gagatgcaag cagcattgta tctgcaattt gctacacagt 120  
 ccctaagtca gctatgggaa gtagcctcta tgctctagaa tcaggctctg attttaaatc 180  
 tagagggatg tctgccgcga gtcgtgtgat attcgggcct ggtgtgacca tgtccacctg 240  
 tgatgtcatg cttattgatg acagcgagta tgaagaggaa gaagagtttg agattgcctt 300

<210> 217  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 217  
 agtagaatag tcttttatga aataatatac ttatggaaaa tatatgactg gtatatgatt 60  
 ccttttagagg aagaaaattt caattttcag attcaaagga agcacccttc ctagtctata 120  
 tatatagtaa gcggagaact agttttacag tgctcatttc aggtcttcag taagtgtgta 180  
 tgatgatgtc agaagtattc attggctcac ttccaaatca ctgaaaattc agccatgcta 240  
 aggttggtta ttacgtgtat tagcgtttcc aagcgagtgg tcttggtctg ggtgagattg 300

<210> 218  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 218  
 ggtagacagc ttcaagtggg actcgggtggg atacatgaaa catttggtgacc gtgaccggga 60  
 aaagttgacg caccatagc ctttggttta ctgtctctat gagaatcggg aagaagaatt 120  
 tgtgaagacg attgtggatg ctctcatgga ggttacagtt taccttcaat cagacaagga 180  
 tatgatggtc tcattatact gtctggatta ctgctgtcac ctgaggacac ttaagttgag 240  
 tgttcagcgc atctttcaaa acaaagagcc acttataagg ccaactgcta ggttgctcta 300

<210> 219  
 <211> 296  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(296)

<223> n = A,T,C or G

<400> 219

ctgcaaagaa	aggaagattt	ttctttttac	aactagatat	tagttttaga	ggaaggaaat	60
agctgaaaaa	ctaaatttgc	tttggtgaaa	tgctctgtnc	ngancagtnc	cttggcatac	120
nacancnca	atnggggagn	tnttatacat	nctctgacgc	tntantnnta	nggngactct	180
nnatttncctg	nnctntttan	ggttnnccnn	tngtctgttn	tcttnagtan	aattangcnt	240
ccttnnang	ttggtgtctn	ntnntgcata	tcnntttang	ctttnttna	tattta	296

<210> 220

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (300)

<223> n = A,T,C or G

<400> 220

atttcccttt	gccctgccac	tttcaccata	gggccttctt	acctggcaga	ggagtgcctt	60
agataccaga	agattggcag	ggaagaaggg	cagccacttc	ctgggtacca	tggagaagct	120
tgctcatgctc	caagcctgtg	cttacttgtc	cagtagcaac	aatgggaaac	tgtattattt	180
ggggtagggg	tagaaccctg	agggcataaa	gctcagaatt	ccangctgca	tctgggtanaa	240
tgggcttggc	nggggttcan	ctgctccctg	ggaggccttg	gcatactnag	gctgctccag	300

<210> 221

<211> 300

<212> DNA

<213> Homo sapiens

<400> 221

gtacattgtc	ctgacactgg	aaaagacatt	tggaatttac	tttttgacct	ggtctgccat	60
gaattctgcc	agtctgatga	tccacccatc	attcttcaag	aacagaaaac	agtgcctagcc	120
tctgtttttt	cagtgttgct	tgccatctat	gcctcacaga	ctgagcaaga	gtatctaaag	180
atagaaaaag	tagatcttcc	tctaattgac	agcctcatc	gggtcttaca	aaatatggaa	240
cagtgtcaga	aaaaaccaga	gaactcggca	gagtctaaca	cagaggaaac	taaaaggact	300

<210> 222

<211> 300

<212> DNA

<213> Homo sapiens

<400> 222

ggagaagcaa	ctgacgacag	atgctgcccc	cattgtgcag	atgcagccca	gaagcagatc	60
cagagcttga	ataaaatgtg	ttcaaacctt	ctggagaaaa	tcagcaaaga	ggagcgagaa	120
tcagagagtg	gaggtctccg	gccgaacaag	cagaccttta	accctacaga	cactaatgcc	180
ttggtggcag	ctggtgcctt	tgggaaagga	ctatctaatt	ggagaccttc	aggcagcagt	240
ggtcctggcc	aggcaggcca	gccaggagct	gggacgatcc	ttgcagggaac	ctcaggatta	300

<210> 223

<211> 300

<212> DNA

<213> Homo sapiens

<400> 223

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ctcaatctct tgacctcatg atccaccgcg cttggcctcc caaagtgctg ggattacagg      60
catgagccac tgtgcccagc cctccccttc cttgtttttg taaaataaag tcagagaaac      120
ttttccagct atagtcaact aatacacatt gatttgaagg agtagaaact gaggagttaa      180
cataaaataa cttctctgtg aagtattagt gagatgatca ggcctggggt gggagcttga      240
agagaggagt ggataaagca gtcaagggtc aacaggagtg agacagtgag caggactgaa      300

```

&lt;210&gt; 224

&lt;211&gt; 264

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(264)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 224

```

accacgtcat atacagccta caaagagctc ttgactgtga gctcgagag gccagttgc      60
ataccactgc cattgacaaa gagggtcgctc gggctgttaa agcgggagct tatgctgctt      120
gccaggaagc aaaggaagat ataaagagtc attcagaaaa tgtctctcaa catccacttc      180
atgtagaagt attacactca gagattatgg ctcattanaa atntgctttg ngccttnntt      240
nctgnatnaa tnnntttatt ttnt                                           264

```

&lt;210&gt; 225

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 225

```

gaaacatggg gaaaagtctg taaactcctg gttgatgcaa ttcataatca actaactgac      60
atggaaaaat gtattttgaa atatatgaaa ggaacatcta ttgtgggtccc tgaaccactg      120
cactttttat taccagggaa aaaaaatctt gtaacaattt catatccttc aggaatacca      180
gatggccagc tgcaggccta taggaaggag ttacatgac ttttcaatct gcctcacgac      240
agaccctatt tcaaaagggtc taatgcttat cactttccag atgagccata caaagatggt      300

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&lt;210&gt; 226

&lt;211&gt; 283

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(283)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 226

```

cagcatcttt caggtcatcc ggagctgcaa tcgaagtctg gagacagacg aggaggacag      60
ccccagtga ggaacagct ccaggaaaag ctccttgaag gataaaagcc gatggcagtt      120
tataattgga gatttgttgg attcagacaa tgacatcttt gagcaatcca aagaatacga      180
ctctcatggt tcagaggact cacagaaggc cttcgaccat ggnacggagc tcaccccttg      240
gtcgtgctgt ncatccaanc cgatgtgccc anttctgct tta                                           283

```

&lt;210&gt; 227

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens



&lt;400&gt; 227

gggaatatcc tcaaccttaa atccttatct gccgttactc agggatatac taggattatg	60
tcatcaatta tcttcaataa tagcattttt ggtcaaatta aatgagtggg aagcttcttc	120
acaatgtgac cattgaaatt gaatggtttg ttctgtacct ttttgcttca gcaatcaatt	180
ttctccatta agatgggact tgtactttaa ttcagatatg gtacctcccg aatagaaaat	240
aaattatggt aatatagttg taataataag tgtgtgttaa gatttggtta ctataaacta	300

&lt;210&gt; 228

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 228

gctgggtgca tgtgtacca caccctaatta tgaatttcat cattagtttc ttagtagagt	60
ccacatgtcc tcagtagtaa gtccatcagt gctaaatatt tgaaggattt tctactgttt	120
tgtaaaagta acttaagcct acctggcttg ctatcttttg agtatattata ctttctacgg	180
gcttgtagggt aaacataaaa agagaaaaaa tatcccaata atacagtttt taacctttta	240
tgataaagac atgcttagaa tgctgttaag ctttctgaga ttttaaccact gaaactaagt	300

&lt;210&gt; 229

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 229

tgagctggga gaaggggaga aagtttgtga agaggagatc ggtgacctgg gtcctttatg	60
tgcctgaaaag agtttgagtt tcctgttaac tccaaatcaa cagtattttc aacaagaaat	120
gtgcaattga aatcaagtgc tgtttaagtg cagctaggat ttccacagga agacacttgc	180
agtgaacaga gttatggagc agcaaaaaca cagatctatt tggaaaaaga gaaaacatat	240
gcgttgtatt ttgcttcaat tataaaatac catcctctca aaggtgggtc taaattacaa	300

&lt;210&gt; 230

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 230

tccttttagg taacacaaaag ttccaagtat gttacctagt ttacagagtg gtactcaaga	60
agagaattaa cattcttact gtaaaacttc attgataaca atagtctact tctagaaaca	120
gaaataagaa ttaaaaacag tgctatctat ttgtactggg gagtgaattt taacttttaa	180
gaaaatttta atgtttaaga agaacttcag tgtatggagt tacaagctat cctgaatatt	240
tttataatag aaagtattag ttttcccagt gtggcagctt cttaataaaa gaaattatct	300

&lt;210&gt; 231

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 231

gaactaatga aaagtgggtg tctctaacct tggatatgctt tcagagcatc aggggttaaat	60
tacctcaact tttggcaggt atactctaaa gctattaagt atataatatg ggctcggcat	120
ggtggctcac acctgtgagc cacctagcac tttggcagtc caaggcggac agatcacttc	180
aggtcaggag tttgagacca gctgtccga cgtgggtgaaa ccccatctct actaaaaata	240
caaaaaccga gcgtgggtggg tggcatgcac ctgtgggtccc agctacttgg gaggctgagg	300

&lt;210&gt; 232

<211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 232  
 gagacctgca gccctgttt cgtggcagac agcagggtgcc tggcgggtgac ccacggggct 60  
 cctggcttgc agctgggtgat ggtcaagaac tgactacaaa acaggaatgg atagactcta 120  
 tttccttcca tatctgttcc tctgttcctt tccccacttt ctgggtggct ttttgggtcc 180  
 acccagccag gatgctgcag gccaaagctgg gtgtggtatt tagggcagct taacaggggg 240  
 aacttgctcc catggtcaga ggagaccag ctgtcctgca ccccttgca gatgagtac 300

<210> 233  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 233  
 agaaggctct taagacactc aataaatata cttattgaat tagtagaact tttcccatgt 60  
 atctcctatt actacattag gatctttgtt cccttagtgt gtcttttagcc tgtgctctca 120  
 caagctttgt ggtgtcgtgt ggatcacagg atcgtttaag ataaagatac ttttagctct 180  
 ttaattctgg tattctatta ttggtacagg gaaccatac attatcttaa tttcagagta 240  
 acacacgtct cggcatggga caggggggtgt cctaataaaa agaggggctaa caggtggaat 300

<210> 234  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 234  
 ggaagggtta atattctcat tttccctcc tattctatct ggagagatca taaaatacat 60  
 tacagttaga gtcaacaatc accacttgaa gaaatctctt caacacaaaag cctgataaaa 120  
 tttacatctg gtaaagtgtt atttaagcta ctgcgaaaca catatactta aaaaaaaaag 180  
 gccttttcat tgtctcaatg tcttgaaggc tggagattgt aaagcacttc cctaaagtgc 240  
 ctatgagcag gatgaggcta tttgccttta tagagctata gaactaataa gcaatcaaag 300

<210> 235  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 235  
 ggacattata tgtctgaatt ttcacagtac ctttaattaa agagatatct ttaattaaag 60  
 tagctctgtg aacagcaagg aagtggatga ggaaacagaa attggcagag tccatgattt 120  
 gtccagatta aactgccatg agtgactgta acaaaaattc agaacttatg taactcaaat 180  
 aggtatattt gagaaatagg tcggcacagg tcaagatgtg aaagcccaat aaagctaggc 240  
 agagacttgg taagataaaa aaaaagtgcc tcaaaatgtt cagtgcacagt agtgccctga 300

<210> 236  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 236  
 ggtatcagaa gccaaagccag agctcagggtg ttttgattca cagcccttta taaccattat 60  
 cattttgaat gaaaagtaaa tcaactgtttc ttagtgattt gggcatgttt cctgagttaa 120  
 gggatctgtc tgacatccgt ggtaagcctt gtcttaagtg aattgtgggt aaagacttgt 180

```

cccagatgga gtgggaggac atgaaggatg aggaactacc ttcaggacct tccagtccat      240
aggcagaggt gggggaaatt cacagaaaaa caaatgagtt aaagggatac tgcagtagtg      300

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<210> 237
<211> 287
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (287)
<223> n = A,T,C or G

```

```

<400> 237
gtacagcagg ccttgatttc aacaataaaa tcccgaacct ccttgctgcg ctgcactgcc      60
cccgaggagct gatgggttgg agactggaaa tcagaaaaca cacaatccag aaacatggtt      120
tatctggaac ctaggatat aagatgcca gataagtcaa attcacagag acacattgta      180
gaatggtgat tgccaggggc cacagaggag ggcagaaata agttattctt gaatgagtac      240
agagtctcag gggtttttgt ttttgttttt tttttttnt ttaaaca                287

```

```

<210> 238
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 238
cctcgccctt tgcccagggt ggggcctggc cctcatcttg accaaagctg ctgtgtggca      60
gctcggcctc tctacgacct catcttggtg gctgcacact tttcctggcc cgcaccccca      120
tccccagtc ctgttcccca agaggatata gagcacggtg ctggctgact caactgtgcg      180
tcccagggtc agggctcttac agagctccac cccctggggg cttacctcac tgggaatgtg      240
ttttgaaaat gaatttgag acaagccaac aaacctgca ctccaaaaaa gcaaaacaga      300

```

```

<210> 239
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 239
gggcatgtac accctgctgg cgcgctgcga ggagctggag cgggctctgc agccggttca      60
ggggctggcg cgccaagtcc gggatatccg acgtactctg gaggtgttgg aggccctgtg      120
caagtgacca ggaggacagg agaggccggt cctggccagg gcaggggcca gcaggacct      180
aaggactctt cagggagtcc tgggtgggaag tgcccactga ggggaggcct gtgtgttga      240
ggctcttcca gatgcgttca gctggcccg gcccactcgc tgggccttag gctggtgtat      300

```

```

<210> 240
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 240
gggaagtgtt tcaatgacaa gagcaggaag agcgagaagg tgaaggtgat tgacgtgact      60
gtgcccctgc agtgccctgt gaaggactcg aagctcatcc tcacggaggc ctccaaggct      120
gggctgcctg gcttttatga cccgtgtgtg ggggaagaga agaacctgaa agtgctctat      180
cagttccggg gcgtcctgca tcaggtgatg gtgctggaca gtgaggccct ccggatacca      240
aagcagtcct acaggatcga tacagatgga taaactgcc aagaaccagat ttttaaaagg      300

```

<210> 241  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 241  
 caggagcatg ttgcgtcgtc actagctgaa tgagaacctt cgggtccaag tttcagcttg 60  
 tgggtgttaa cacctacagg cacatcgatc cgattagaaa aagcagtggt tgcaaacctt 120  
 ttcttggaag gcttccttct cttgcctata ttgatacctt ttcttctcgg agatgtcgtc 180  
 ccagtaaaacc tgcttctgac tagctgcttc tgaaatgttc tggggcctcg aaccggccgg 240  
 tctggccacc tcaatccaga ctggctgcac ccgctgctcc cgcgaggcct ggattcatgc 300

<210> 242  
 <211> 277  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(277)  
 <223> n = A,T,C or G

<400> 242  
 ggcagatgtc acaacagaat aaccacttgt ttggagcctg gcacagtcct ccagcctgat 60  
 caaaaatttat tctgcatagt tttcagtgtg ctttctggga gctatgtact tcttcaattt 120  
 ggaaactttt ctctctcatt tatagtgaaa atacttgga gttactttaa gaaaaccagt 180  
 gaggcctttt tccctctagc tttaaaaggc ccgnttttgc tgggntgctc aagggtacna 240  
 atnggncntt aatngnatat taccgnanan tgcctta 277

<210> 243  
 <211> 291  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(291)  
 <223> n = A,T,C or G

<400> 243  
 atgaagtcag ggcaggccgg tgcccttttt gggaggcacc aggcggggag gagttggcgg 60  
 agcagggtctg gctgtgagcc agcaccaggc aaccgggccc ttgtccaggg acctctgctg 120  
 ccttctctct ggggtcagga acctcagagg aggtggctct ggctactgca taggacgcan 180  
 tnactngnan ntgcgtnnt ncctgtctna tttctgtan ntntntnenn cccttntttt 240  
 ntctcttctt ttnttnngan ttntnttctn nnntntntnt anttttatcc t 291

<210> 244  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 244  
 ctacagctctc accagctgtc agatgctgcc acagggcgag aacctccaag atgtgctccc 60  
 cagggaacatc tactgcccgc tcaagcgcca cctggagtat gtcaagctca tgatgccctt 120  
 gtggatgacc ccagaccagc gcggcaaggg gctctacgca gactacctct tcaatgctat 180  
 tgccggaaac tgggagcgca agaggcctgt ctgggtgatg ctcatgggtca actccctgac 240

tgaagtggac attaagtccc gtggagtgcc tgtcttagac ctgttccttg cccaggaggc 300

<210> 245

<211> 300

<212> DNA

<213> Homo sapiens

<400> 245

gttgatgaga agtctaaagc agtaatagta gaattacatt tcttctgggt ttaatagtaa	60
ttgttgctctg ctgccttctt gcagtttacc ctacccatag tgtgtaatgc cattaaaacg	120
aagtatagaa agatccattg gcctggagaa aggttagagg tgtaggagtg tatgacattt	180
agttcattgt tcttactggg ttcagcacat tgcaccctgc gtgttatttg caacttaaaa	240
gggtatagat taaaacttgt gtcagtgta acaactcagt accacaaaaa tggtagaatg	300

<210> 246

<211> 290

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(290)

<223> n = A,T,C or G

<400> 246

gttacatcaa gagataaata gagtgaagca gaactagtgg tgcggaccag ctcgccagca	60
acagaagggt ttgtagtcgg cctggcagtg gacagggagg ttggctagaa ctattacctt	120
aggcccgtaga taatatccct gaatccaact tttcagaaag aaataggtaa catatttttc	180
accaggaagc tttaccaga cactgaacag aatgggtctca gtgcactaat ggaggctcag	240
ttaaagggtt gtggatcnca tggaanagan nttctgantt ggatatatttg	290

<210> 247

<211> 300

<212> DNA

<213> Homo sapiens

<400> 247

tggagaggcc ttggcaaaat ggctcatcac gttcaggccc tccgggctga gttgtcagca	60
gtatcaaggg aggggcctgc tctatcccca gaaggatcag gatcatatcc aggatgcccc	120
acatacacca agccaggcag agggcagctc agctcctgtc ccatctgctt tggatatctt	180
tacccaaagg caggtaacct gaagagccag cctccactgc ccacagagcc aggccagtt	240
gtgttgaggat ataggtcagg agctgtggaa ggaggcagtc tgtgaggagc tcatgcttta	300

<210> 248

<211> 300

<212> DNA

<213> Homo sapiens

<400> 248

tctgggagct gattggagaa gcggccaaga gtgtgaagct ggagaggcct gtccgggggc	60
actgagaact ccctctggaa ttcttggggg gtgttgggga gagactgtgg gcctggagat	120
aaaacttgct tcctctacca ccacctgta ccttagcctg cacctgtcct catctctgca	180
aagttcagct tccttcccca ggtctctgtg cactctgtct tggatgctct ggggagctca	240
tgggtggagg agtctccacc agaggagggc tcaggggact ggttgggcca gggatgaata	300

<210> 249

<211> 287  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(287)  
 <223> n = A,T,C or G

<400> 249  
 cttcagcgta gctctccacc tctaccgga acacaccctc tcacagacgt accaatgtta 60  
 tttttagaat ttcatggatt tagttataca taccttaata gttttataaa attgttgaca 120  
 ttttaggcann attnggtcaa tattatcatt gaatannttg agacgnnnng gtgtnttttt 180  
 tatnnttnna nggnttnnng ttatnnnann atttnnggtn ttannnaatn gggggggngt 240  
 nnanngggat attggngtga nnantaatta gggntttttt tgtgttag 287

<210> 250  
 <211> 259  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(259)  
 <223> n = A,T,C or G

<400> 250  
 agtcagcatt atttaacact ccccttaact gtctttgaac tttctctttt aacaaaaatg 60  
 tcaagtcttt acagttgtaa tatcaccatg tttcccatgt ctgttaatac ttctatgaac 120  
 ccctaaagta ttgaagggaa ctagnngnng ncnagaggat cacannnnnn tgtntnntan 180  
 ngncaanatn tgcnaaaca gttactngnn cttnnnggnat gngnnncctn nagtntnnga 240  
 gccntngcnn tncatgttc 259

<210> 251  
 <211> 257  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(257)  
 <223> n = A,T,C or G

<400> 251  
 agtgctcggc tgctgccagc tgctcccaat gtgccgatgt ccgtgggcag aatgactttt 60  
 attgagctct tgttcgtgc caggcattca atcctcaggt ctccaccaag gaggcaggat 120  
 tcttcccatg gataggggag ggggcctgtn acngctgca gngacaaacn tangccgntg 180  
 gganttangn ntntttcant cattntangn tgnnataann nccataaann ctngnatnng 240  
 tatnnmntna ctnnent 257

<210> 252  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 252

```

caagtgccga gacccgaccc tgggcgtggt gcatcgaggt agatgcaaag atgctggcca      60
gagcaagtgt cgcctggagc gggctcaagc cctggagcaa gccaaagaagc ctcaggaagc      120
tgtgtttgtc ccagagtgtg gcgaggatgg ctccctttacc caggtgcagt gccatactta      180
cactgggtac tgctgggtgtg tcaccccgga tgggaagccc atcagtggct cttctgtgca      240
gaataaaaact cctgtatggt caggttcagt caccgacaag cccttgagcc agggtaactc      300

```

&lt;210&gt; 253

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 253

```

gctgcagcaa ctgctgctgc cattgcaacc gcagctccgt tgataaaggt gcagagtgat      60
ttggaagcaa aagtcaattc tgttacagaa ttacttagta aattacagga gactgataaa      120
cacctgcaac gtgttacaga gcagcaaaaca agcattcaga ggaacaaga gaaattacat      180
tgtcatgac acgaaaagca aatgaatgtg tttatggagc agcacataag gcatcttgaa      240
aagttacaac aacaacaaat agatattcag actcatttta ttagtgctgc actcaagact      300

```

&lt;210&gt; 254

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 254

```

gggaaaacaa aaggtaatag gaggggtgct gggagaacaa ataggaagaa aagggaaaac      60
ccagaaatag taattgtag taccctgct acttgactgt tgaaaatgct ttaaaagttt      120
gttctgaatt aggagaaaag gcgctccctc aaccaggctg aaactaccac cagtgttgtt      180
gccagaaacc tggagcagga aggagctgct tctccctcc gccttcagc caccaccat      240
taatacctgc tattggcaag gcccatctgg atggcagatg gcaaagcagc ctggaaagt      300

```

&lt;210&gt; 255

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 255

```

gtttgagctc ttgagccagt gacttccctg cacgttcagc tttctccttt gtgaaatggt      60
aatagaagca cgctgcactt gggattcttg tggattacat gtgagggtct tagaaacact      120
tgatgtgtaa gccaactatt atgtattact gtatatggaa cacaagggat gtagccaaaa      180
ctaaatgcaa gtttgtgcct cagatgtctt cctatcagaa cagagtcaaa tccagatttt      240
gatgcttaaa tgtgacagct tattcagatt tagaaaaact tttggtatgg gccaaagaaa      300

```

&lt;210&gt; 256

&lt;211&gt; 275

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(275)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 256

```

agcactgtga gtgaaaataa aaccaggagc agggttagca tatctggatt ttagtctgag      60
ctctttgtca aaaaagtcct gggcctcagt ttctttatta ctgaaggaga gaatcaactc      120
tgtgattcta agttataaac caccgttatt aaagttctac tggagccaaa actccaaatt      180

```

gtttctgtata ttaaaacttt tcggcagggc atngtngctt acacctgtaa tcccaataact 240  
 ttgnnaggct gnggnnnncn tatncatgt gcca 275

<210> 257

<211> 300

<212> DNA

<213> Homo sapiens

<400> 257

ctgttcactg gcacacaatc acagtgtctt gatagttttt ctggttttga atttctggaa 60  
 gggaaatcct cttctgagg agacttcact ttccgtcagt aatggggaaa actgtttccc 120  
 tcgggatagc agaggtcatt ttaaaagaga acactcagca gaaatgaaaa tccaaacaac 180  
 tgatttttaa ttcgtgtctc tttgttcagt gatgttgggc ctgattctgc ctatgagacg 240  
 ggaataaaga gagatttcgg gaaaagtgtg aagccaaaca tgggtgctat ttaaatacca 300

<210> 258

<211> 300

<212> DNA

<213> Homo sapiens

<400> 258

gtttctttcc catctgectt ttectgtctt tcagaacatt tctgggggtg tgtttgggct 60  
 cagcactgtg ggaagtgaag catttagcct agccagggac tgggcattat ctgtcagatt 120  
 accaaatctt gagttatctg tggcttaca aagaaaagaa ggctgaagga accagacaga 180  
 gggacagtgg cctgggaaca gagccaagat gatcatgttt tttaaccaa gcctgtagat 240  
 caccgtcaag aaaggaattt ggaggatagg agtatctaca tgtagtgggg gaggtgtggg 300

<210> 259

<211> 300

<212> DNA

<213> Homo sapiens

<400> 259

ctttacatca tctattctac ctccattcac tgggtcaaaga agcgcagagt taagttggcc 60  
 agtgtggcgt ggacacagcc aggcgcagac cctcctgcc gccaagccag cgtgaggctc 120  
 gttggctcag gggctccag cctgggtccc cgaagaggta agccaaagac atagtgtatc 180  
 ttggttcaat tcgggtccag agagtatcag atgggaaata gatgacttgt ttacctgggt 240  
 caaataagac atcactaaaa tctaccatga ctggaaatta cttaatgcaa ccagaggaga 300

<210> 260

<211> 300

<212> DNA

<213> Homo sapiens

<400> 260

gacattttcca atagctcctt tgtgaatttc cagatatggg attttctctg gcaaattggac 60  
 tttttggacc caacctttga ctatgagatg atcttcaggg gaacaggagc attgatatac 120  
 gtcattgacg cacaggatga ctacatggag gctttaacaa gacttcacat tactgtttct 180  
 aaagcctaca aagttaaccc agacatgaat tttgaggttt ttattcacia agttgatggt 240  
 ctgtctgatg atcacaaaat agaaacacag agggacattc atcaaagggc caatgatgac 300

<210> 261

<211> 300

<212> DNA

<213> Homo sapiens



<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 261  
 caggggatgtg aggctgctgt tgggggtggg gggaggggaa tgggcaggca agccagtctt 60  
 ctgtcttcct ttgctaactt agggttttga gcagggttggg gtatggtgcc tgacataccc 120  
 acctgccacc ctgggaacct cactgatctc tctttcagcc tacacctgct gatccatgat 180  
 gtgtgtgaat tgagggtgta tganngnnct ncatcaaccc canagatnaa taattcttct 240  
 atcaataatc agntnttacn actnaatgcc attcgnattc ttgntattca caaaagatct 300

<210> 262  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 262  
 gcactcggta aactctggga ctggagccaa gagactgtga gaaatgacct ttctcatcaa 60  
 gtttgtccca agccaggctt aaattgatag atcgtctagg ttttctgatg ctggttaaaga 120  
 gactctgtgc ctccaggaca ggtctgcaaa gatcattaag aaacagatta aaattagggg 180  
 gcaagacaag acaagagaaa gtttctttac gttctcccag acctctctgg gcctataggc 240  
 agatcaaatt tggcctctag atcagcttgg acaaaatgat gtccacggtg tctgagtagg 300

<210> 263  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 263  
 cagagggtgaa gtgatgtgtt caaagtcaca cgtagaacaa gtggtggaac agaccaacc 60  
 agtctgatgg cagagcctgc ctctgaccac tacactgtcc tgccaactaa gcaggtttga 120  
 aagagctctc ttagtaaaag ccctgcaggc gggagtgagc agaagttgtt ggtatcccag 180  
 tgactttttg aaatgcacag gataaggag ggtggatttt ccaagccatg gtaaggcagc 240  
 atgacctgac ccagggtgag ggagaggggt catgatgtaa acctcagagt agctagtcac 300

<210> 264  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 264  
 gacaccaga ggcaggcat cgagcgctc aaacgaaaga accagcccag ggagcacatg 60  
 gggagctggc agtcagtaaa ggagacctt ggtggggact tctccctgaa ctggttcaac 120  
 cccttctcca gaccgtgtca gccagagatc cccagtgaac aagacatggt gcggcagggtg 180  
 acatcgctgt cagacaccga aacaatggag gatccatcag aggagacaaa ggacgaggac 240  
 tctgtggagg tgacagatga atagatgctg ctgtggggag agaagcaaac actaaaaagt 300

<210> 265  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 265  
 ataaaaacagg aattttggag cgggttgacc gaagggttagt gtacaaattt ggaaaaaatg 60  
 cacacgggtg gcaggaagac aagctatgat ctgtccagg catcaagctc attttatgga 120

```

tttctgtctt ttaaaacaat cagattgcaa tagacattcg aaaggcttca ttttcttctc 180
ttttttttta acctgcaaac atgctgataa aatttctcca catctcagct tacatttgga 240
ttcagagttg ttgtctacgg aggggtgagag cagaaactct taagaaatcc tttcttctcc 300

```

```

<210> 266
<211> 283
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(283)
<223> n = A,T,C or G

```

```

<400> 266
aggatccaat actgcctttc aataatatac caaaatacta gttttataaa tgttggttaag 60
gtggactgga aaaactaata catattttga agtatttctc tgatttattg aggatatgat 120
gggcaaaggc aagcttttctc gtaggtatta tgagagcaga cagatatttt agtggtgttg 180
ttgacatgag agagtcattg gcagcgcagg gaatagagag ggaggactgg tctgattatc 240
tggcaatggg aaattgagtt tagtacggan aattgagagg ata 283

```

```

<210> 267
<211> 154
<212> DNA
<213> Homo sapiens

```

```

<400> 267
gaggaccgtc cctctcctcc ccctttccct ctttcggaaa ggggtttctg cggggcccgg 60
gagcctcgga gtaccgaacc tcgatctccg gggcggggtc cttggtgggg actgaacgcc 120
ccctcccggg gacgggcgga ctggccgcgg agta 154

```

```

<210> 268
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 268
tgagtcttca aaaagtatca gaagagaacc aaaatgcttt atgacaacag cagagcttga 60
gcatcttgag aaccaacttt gcccaagaat attgattagt agtttctgcc atggtcacag 120
gaaaggagaa tttagcattt tgtgtctctg tgtgtcatac ctgaataaga gtctattggt 180
gcaaaagagc atatccaata gtgatattca taaaataagt gacgcaaat agtccatgca 240
ggatgggcac agtattttcaa taaaatacag gtagttaagt aaaggttaatt tctagttgag 300

```

```

<210> 269
<211> 294
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(294)
<223> n = A,T,C or G

```

```

<400> 269
aaaacaaggg aacagtgtgt aaggaacttg tgcacatcac tgactggtac ccactctca 60
ttttactggc tgaaggacag attgatgagg acattcaact agatggctat gatattctgt 120

```

```

agaccatagc gtgattgtta taattttata cttttataga gcacttgata ataaatgtat      180
cctnatntct atggntttta tccgtacaag tgtgctgcat tctantgnta cattntnggt      240
ntanctatna gtaccttatn atantcnttc ttntntncat aatttgnttt ctga          294

```

```

<210> 270
<211> 294
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(294)
<223> n = A,T,C or G

```

```

<400> 270
accgggacca gaacatgacc ggctgggcct acaaaaagat cgagctggag gatctcaggt      60
ttcctctggt ctgtggggag ggcaaaaagg ctcgggtgat ggccaccatt ggggtgaccc      120
gaggcttggg agaccacagc cttaagggtc gcagttccac cctgcccac aagccctttc      180
tctcctgctt ccctgaggta cgagtgtatg acctgacaca atatgagcac tgcccagatg      240
atgtntctant ncttgnaac anatggcctg tggtaatgtg ncttctgatt gtgg          294

```

```

<210> 271
<211> 300
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(300)
<223> n = A,T,C or G

```

```

<400> 271
ggaaatttgg gaagaatcca agaagtatag gccaatgaaa acaagttatt aatacaaata      60
gtactgtata tgagagtaca cattaggaat gctgtgcttt aatgcataaa catgtttaca      120
gtggtccaca tgtgccagga gatgtgggaa tggctacccc tgaagtcata tggagaaatg      180
gggtccctcat cgcacaccat acacanncat nactnnacan atggnttana gacncttaag      240
acctganncc aancaaactt ctaggannan actcanggta nagnncnatg nnatttgttt      300

```

```

<210> 272
<211> 299
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(299)
<223> n = A,T,C or G

```

```

<400> 272
gcacgcccc ttttctccgc cacttcacca gtttctgaaa tccaacctcc cagacttcac      60
aggaagatag atattcttga gataatgaaa agtgatatct tcgcatacta aaggaataaa      120
ggttgaggta tatatgattt ttaactgtat taggggtgta tgaaccagtt taaaaacgag      180
gttttattta ctgtacagat gaatgcaaat cagaaccaat gatcccttgg cctacttagt      240
tannaccngt tcatacatcc cttanggctt ttattattat tattattatt attacagac      299

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<210> 273

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<211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 273  
 cccacacctg cctggccaac ccctggcact gatgatgcct ggggtgcgggt taagctggga 60  
 ggagctcctg cctgcctgga tgaagaggag gtcaagactt tgtccccac tccgcaagat 120  
 accctctctg ttccggagcg gtgggtccct cccctgttag gaccttgtct ccctcaggac 180  
 tggacctgga tcctgggcct gcagtcagat tgccagtttc acttagaggt ggaaatgtca 240  
 acccactggt tggaaatggga agctgctgtg ttgtgagcca ccttatggaa aacccatgtg 300

<210> 274  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 274  
 tgtctttatt tttttatatt tcctaaagta aaatctgaga atgaccaag aatatttgtt 60  
 tcagaggggt gtctttttgt tggcaagcag tgaagcacat gtaagtttct caagcttttag 120  
 aatatatata tattaaaaaa caaaacaaaa aaaatgaagc acagacatgt tattttccca 180  
 gagccatcag tccaaagtat ttcactgtat tattagaagc aacaacttct aaacattcaa 240  
 ctattccaaa aataagattt tcctccagta agttatcatt ctacttgat aataagataa 300

<210> 275  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 275  
 attcgacct ggtgaatgat gcctataaga ccctcctggc ccccttgagc agaggactgt 60  
 accttgtaag cttaaagctcc atggaataga gattcctgaa aggacagatt atgaaatgga 120  
 caggcaattc ctcatagaaa taatggaaat caatgaaaaa ctgcgagaag ctgaaagtga 180  
 agctgccatg aaagagattg aatccattgt caaagaaaaga atttactgac aatgtgagca 240  
 gtgcttttga acaagatgac tttgaagaag ccaaggaaat tttgacaaaag atgagatact 300

<210> 276  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 276  
 tatttactct ggaaagtagt agcagcactt caaggacata ggggttgctc atgtcagttg 60  
 tttctgtttg tattggaaga atcataataa caaatattta agttggtaaa ttactaggta 120  
 aacagggttg tggatttttt gttatttttg agaatacttt ttagtttgat tctttgaatg 180  
 aatttacata acagctttcc tgtcaagtca gtaatttcac ccatctttaa aaaacaagta 240  
 ccaaaagagt ttcttaacac catatactcc tctagcagct gctgcctagt ttctctcttc 300

<210> 277  
 <211> 281  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(281)  
 <223> n = A,T,C or G

&lt;400&gt; 277

gggagaagag	ccgccagcgg	aacccctgtg	tgcaccaacc	ttccccagag	ctccggagcg	60
ccctctcttc	acttccaggt	tttgagcaa	gagcttgcat	gaagcccgca	cccagcttcc	120
ttctgacctt	cagttcactt	tgtcgccctt	ggagaaaagt	gtttttcttt	aactaaaaat	180
aaccaaagt	ctaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	240
aaaaaaaaaa	aaaaaaaaaa	aaacnnncnc	nnntaaaaaa	a		281

&lt;210&gt; 278

&lt;211&gt; 125

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 278

ggagagcagg	gcaagggtc	ttgggcatca	catccagagg	ctgagggagg	ggagacctgg	60
ctgtgttcgt	ggaactgaag	gaccactttc	gcgactagac	cttagccagg	gggaggtgtg	120
ggagg						125

&lt;210&gt; 279

&lt;211&gt; 254

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (254)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 279

ctcctggtgg	cttcaaattt	actttctccc	actctgccag	tgtctgtaat	ggaacaaaca	60
gtaaatctgt	agtggtctag	ataccaccag	caacttctaa	tggatcctct	tccaaaacca	120
caaacttgcc	tacgtcagta	acagccacca	agggaaagtt	ggtngnntta	gnngnattatn	180
canntgatnn	ngangaanan	caannaaatn	nnntntnnng	aatnngtttt	tttaananan	240
ngnttctnnt	taaa					254

&lt;210&gt; 280

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 280

gtgccaaagg	cgcccgact	cggcctggtc	ctggagaggg	tgcacttcga	gaagtacaac	60
cagcgctttg	gcaacgatgg	gctgcatgag	ccgctggact	gggcgcagga	ggaaggaaag	120
gtcgcagcct	tcaaggagga	gcacatctac	cccaccatca	tcggcaccga	gcgggacgaa	180
cgctccatgg	cccagtggct	gagcaccttg	cccatccaca	acttcagtgc	caccgctctc	240
acggcaggtg	gcacgggcgc	caaggtgccc	agtcccctgg	aaggcagtga	aggggacgga	300

&lt;210&gt; 281

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 281

gcttttagctg	ttagaaagga	acccccgtga	catgacacag	acacacgtga	acaccagcc	60
cgccggtcct	agcagccagc	tgtgaaagct	gtgtcaagtc	acgggggttc	ccgtgtgtct	120
gtgtcatgga	tgcaatgcgg	gccctggagg	actgtgcgtc	acccgtcaac	cagagcgtgc	180
ctccgggcca	gcttcctctc	aaggaatgag	tggatttcat	acaggatctc	tttattgcac	240

agactgaatg gctttacatg tttctaattgt gaattaggca tgtgaagcag tgggtgtcca 300

<210> 282  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 282  
 atacatggaa gtctcaaatc tgaattttta tccatctcaa tatgaccatt tctctctgtt 60  
 gggagctgaa cagattaagt atatatctgc cagggtggga aatatttttg tctatctttt 120  
 cctgtcatca gaacttaatt taaaaaaatt atcaaaggtc agatgtgact actacagtaa 180  
 gttggctatc ataaagaata ttccataaaa tgttttatct gccatacaaa attactgggt 240  
 ttatggccgg atgtggtggc tcatgcctgt aatcccanca gntcaggatt acnggtata 300

<210> 283  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 283  
 gctgcttcgg ggactcagcc agaaagctac tgagggtgctg agcgccgtcc tcaaggatct 60  
 ctaccacctg ctgaagcacg tagtgtgtct ggagcccgat gacgtggcca agctccatgc 120  
 ccagttggcc ctagaagagc tggatgacat catgaaaaac ttcctgttcc ctccacagaa 180  
 gctggagaag aagatcatgg tcctgccgta gacctggctc caaggacngt ggaggaggca 240  
 gncanggccca ggnacccaga gncgtgcccc ggtctttcan cagggtggcct gctgcctctt 300

<210> 284  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 284  
 gctacacaac actgctaact tgactgtagc tatgtaataa cattagatcc cctaattgta 60  
 attatatggg gtttgcacag aacacttta tcttcccctc accaatgtga agtgaggaa 120  
 caggagtcaa actgtagaac taaaatttga cttcagtcta gcgtttcctt ggtgttttta 180  
 gggtgctttg gtaagtttag gtttgctata tttctgattg cttagaattt tgtttttagcc 240  
 ctttaaaatc agatcataaa tatgaattca tacttctaag gaattttctt gctataagct 300

<210> 285  
 <211> 286  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(286)

<223> n = A,T,C or G

<400> 285

atctgtatat	ctttcctttt	gtttacaact	gttaaaaaac	ctcaaaatag	ctctcttcaa	60
aagaagagag	attccaagca	acccatcttt	cttcagtatg	tatgttctgg	acatacttat	120
cggagcgcgc	cagctaagng	ntcaagcata	tanacattgt	cngntggan	ngnctngttn	180
acagccactn	nngcattggn	tnacgcnc	nggancncgg	tgnggctctn	ncnctantn	240
centnnntnt	gcnnttaccn	cctcnnnnnn	ncnntatntg	gccttc		286

<210> 286

<211> 300

<212> DNA

<213> Homo sapiens

<400> 286

ccaacctaaa	atatcattat	tttcaatact	taaataattag	cccatcattt	tttatcttca	60
gatgtctata	attggaagcc	tatatagaaa	tggttgatga	gcctatcggg	tgaaccactg	120
cagagaatag	agtgtggtc	ttagggcatc	ctgtactttg	catgctcctc	ctggaagtaa	180
agagtaagac	agagaatagt	aataatcacc	cattccagaa	ctgggtgcac	aacatcacaa	240
aagcttgctc	agacttatta	gcaagttaat	aaaaaactag	acttctttct	aagtacttat	300

<210> 287

<211> 300

<212> DNA

<213> Homo sapiens

<400> 287

ggtgggtggc	agagggaaat	ccaacatgca	gactgtggca	gtgtcttgaa	cttctgttta	60
ttcaggtcat	tgaataagaa	actcttttct	tctgcattcc	tgtctttctg	catgtgtgtg	120
tgtgtgtggg	ctgggtaggg	actgtttttg	agatcactgg	gctgaaatgt	attctagggg	180
tgaaggatct	aggatgtacc	tgctcgtcat	ttcctgactt	caccttttac	caattctttt	240
cttaacaaat	ttaaaattgg	tcagagcagg	agctgctagc	tggtctttta	acagtgttcc	300

<210> 288

<211> 300

<212> DNA

<213> Homo sapiens

<400> 288

gtcacatcct	cttaagtcag	gaactatctg	tataaggaaa	caagatttcc	attttatcat	60
ttgaaatgta	tttgactttg	tttcactagt	tgcatatcc	ccatggaaaa	cttcacattg	120
agaacttacc	attatatatt	tccataaaaa	tgcatgaacc	atcccttagc	taagtaagga	180
ttttgtaatg	ttctctcaat	aatgttgctt	ggcaaagtta	atattttttg	tatgtctgatg	240
aaatttagaa	aagtccaata	ttgagcttga	ttgcaaactt	agaaaaactc	aagactttctc	300

<210> 289

<211> 300

<212> DNA

<213> Homo sapiens

<400> 289

aagggaagca	ttccaaagat	tttactgtt	tatgttcaaa	ttacaacatg	tgcagaaagt	60
tgtgcaactg	aaaatccttt	caaacaacag	ctacaaaaga	gattggtcag	ttaggacagg	120
aatagaaagt	ggaaacttag	aagactggct	actccttggt	tatgattgct	ggggtgagtc	180
tgtgctgaga	actttttaca	aagggtgtcc	tttgctgata	tgagaggggg	gtgtcaaact	240
tttgagtgat	cactgtgggt	cctcagctta	gacatcttct	ctggcccaag	atggcacccc	300

<210> 290  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 290  
 ttgcttcggt cactagccca ggagacattt cccacccat agacctagtc aagaaagagc 60  
 cttatgggct ttcaggactg aaaagagctt ctgcttcttc tctcagatcc atctctgcag 120  
 ctgaaggaaa caagagctac agtggatcta ttcaaagctt aacttctgta ggttccaagg 180  
 agacacccaa agcttcacca aacccagacc tgcctccgaa aatgtgcagg agattaagac 240  
 tagacactgc ctcaagcaat ggctatcagc ggcttggtc agtagtgga gcaaaagctc 300

<210> 291  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 291  
 cgcgctttga aaaaatgaga tcagcaaaac gcaggcaaca gacctaatc atttcaaac 60  
 ttgatatttc attttgcgtt ttagctagag aagttttcct tgtgacttac taatggctgc 120  
 aatgccaatg attgtaagaa aacaaacaaa tttatcatga aattctcctt gtcattttat 180  
 aaatgcctat tttaacatca tttatgggtc cagagatgca tacacttttt tctgacaaga 240  
 aaaagtataa ggtgatgagg gcaattctgt cctactgttt ttacaggcct ttttcaaatg 300

<210> 292  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 292  
 ctcaagcaaa gttcctgtag acaaagtaac accaagtact cttccagaag aggtactaga 60  
 ttttgaaaaa ttccttcagc aaacaggagg gcgacaaggt gcctgggatg attatgatca 120  
 ccagaacttt gtaaagggtg gaaacaaaaca taaagggaag ccaacattta tggaagaagt 180  
 tctagaacac cttcctggaa aaacacaaga tgaagttcaa cagcatgaaa aatgggtatca 240  
 aaagtctctg gctctagaag aaagaaaaaa agagtcaatt cagatttgga aaactaaaaa 300

<210> 293  
 <211> 299  
 <212> DNA  
 <213> Homo sapiens

<400> 293  
 aacaacaaaa atctgaacag aaatgctcta tttacgttct tttccttate ttagtggttt 60  
 taaagtcatt aaacttaaaa atgatgttca ggagaagatg agtgattttg catagtctgt 120  
 cataactctg gtattatctt gtacaaggag tgtgttaggg ttttcagttg taaccatgca 180  
 gaaaatctac aaaataaaaag cagttgttaa ttagtccttt acaatcagaa ttgtctatct 240  
 tggaaattta tgaagtactt cagatgtaat ttaagaaatt gtatttgagc caagcgtgg 299

<210> 294  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 294  
 attagaccaa aaaaatggga tgcgtgtggg acagctttta aagtgtttga aagattttgc 60  
 attcaacatt caggctatca gtgactcctt gagtgaacta tgtgaaaata agcgtgacaa 120



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tgtagtcctg gcattttaa ac aattgagtca aaccttttat gagaaacttc aagaaatgca      180
aattcaa atg agtcaaaatc atttagaata acaccatgga aaactttcaa gtctgattat      240
gtggtattta tccctttgca aggagagata taattaagct tacacaatga aatggaaaaa      300

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<210> 295

<211> 300

<212> DNA

<213> Homo sapiens

<400> 295

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gtaatccttt cttttttctt tccctctttc ctgctcttac ttatacagtt aggtgaatat      60
gatgctccac tccccccaca gatactcaaa tagctctgac tgctgaaata ttggtatctt      120
actgtcagca cataacttgt tgctgtgtta ttgacatttt cactgttttg aaatttttac      180
tggtatctgg gtttgaatcc cagctctccc aagcttcagt tttctttcat ttgtcaaatg      240
agataaaagt atccacttca tagggttgtt atgaggatta atgatgaata caaaacactt      300

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<210> 296

<211> 300

<212> DNA

<213> Homo sapiens

<400> 296

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gtattcagta agtaccact atgggtgctaa cgtgagttcg atacgaaaaa agctgagatt      60
catctatata catttttagag gaaagaagtg ctatgacctt tccaaacttt catttctcta      120
tcccaaagtc tcatctaaac agattttact actttatgat ctatgtttaa agtccttggg      180
ataaaaagaa caaacccaag aatgaggagt cttacttcta cacttttatg atttcttata      240
ttggcattag acataaacat gtctgagagg ctgtctgggc caactgtctc tggtcacttc      300

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<210> 297

<211> 286

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(286)

<223> n = A,T,C or G

<400> 297

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ggccctaata cactctttgc cctgtggcct ctcccttttc cccctttctg gttggaggag      60
ggagaagtgg caantgnngc ncnacagan nantgactn gttgactncc ttatgctacc      120
ntgggtgact ncatattgcc cctnnatgat tncaacacca natatagcaa atgacattta      180
catgctatga aaacatctat tgggtaaaaa cagatcttgg atanagaaat tctcgacttt      240
tatataannt tttgntanac ngnananaca gaaangntt aagtgg                      286

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<210> 298

<211> 166

<212> DNA

<213> Homo sapiens

<400> 298

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gattcatctt cttgttcttt aaaagtcaaa aggctttttg accttttaaa aactcttaca      60
tctggctatc actgttgaaa tgttctacta aattttcaga gtggaaaagt tttaggctta      120
aaactgactg gtaaaaatag aatatttctt tgtattgatt tttcag                      166

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<210> 299

<211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 299  
 tgaaggtcta caaccagtt agggcagaat ggaggcaaat gaataatatt cccttggtct 60  
 cagagaccaa caactacaga attatcaagc atggccaaa attgttgctc atcacctctc 120  
 gcacccaca gtggaaaaag aaccgggtga ctgtgtatga atatgatatt aggggagacc 180  
 aatggattaa tatagggtacc acattaggcc tcttgagtt tgattctaac tttttttgcc 240  
 tctctgctcg tgtttatcct tcctgccttg aacctggtca gagtttcctc actgaagaag 300

<210> 300  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 300  
 gttaaccttt tcaggctcca ccatacccag gctcttacct tagcagaagc ctgtgaagct 60  
 ggtagcagaa acgagaagga acaaaattaa ctccaaggca gtaagccatc cacaagacca 120  
 ctacacgaag ttaaggctgt gtgaaagagg gagtttattt aattttattg ttaaagaggc 180  
 aataaaatat ctagagaaac agtccattaa aaaattggca aatccagcct ggccaacata 240  
 gtgaaacccc atctctacaa caatacaaaa attagctggg tgtggtggcg catgcctgta 300

<210> 301  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 301  
 cgggagtgaa ggcgcggagg cccgagaaa gataaacaag acaccgcctc atcagataag 60  
 aacgtctcct tcgatgtcac ggatttcaag aggtagctgg agaaactgac gtcaggagtg 120  
 tctgtgtaat gaacatcgcc cgaggcctag caccacaga agaagggttc tattttactc 180  
 tactttgctt gatattattt attttctaac aaagtgatcc gtagtctgca accttaggct 240  
 ctgacaggca aagcccattt cttagctctg gggatggctt gcagggtctc cacctctgctc 300

<210> 302  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 302  
 gagttggtca ccgtggccca ctatgacagc cccgagggcc tgagccacct ctgctgccgc 60  
 ctggtcagta ggggaagcaa ggtgaccgca aggggggtatg atcagcagcc cacttggttc 120  
 aggggttcacc ggggccccca accgtttcta ctgcagccaa accagatagg ctactgggtg 180  
 ggcaagtcca aggtctccga ccatgccacc tgccctgggg gtcctcctgg aaccccggcc 240  
 cctggattca gctctgcagc ctccctcgca ctacaggatca gccctcctgt cctgcactag 300

<210> 303  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 303  
 gatacctgtg cctgacacat ctgggcaaac tgtggcactc aaagcagatg agaaaaccat 60  
 gaaagaatcc aggaggaaaa cagatttctc acgaaggaaa ggcgattcca tggacagctc 120  
 ccttcttagt aggaactgtg gaaaccagaa gtagctttta agtgctggga taaaactgtc 180

tttcaaggat aagagtgaaa acaaagacat actcagacaa aaactgaaaa catttaccac	240
aaacaaactc accttaagca ggcaaattggc cctcgatgtg gaaagcaaag ctcagggggac	300

<210> 304  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 304	
cctcgtccca ggaggccacc cctgagaaag agtccttggc tgagtcggca gccgcctaca	60
ccaaggcaac agcgcggaag tgtttggttg aaaaagtggg agtcatcacc ggggaggagg	120
cggagagcaa tgggttacag atgcagtgcg agctgtttgt ctttgacaag acctcacagt	180
cctggcttct cgcgccacca cacccttccc accctgctgt ggggccctgc ctttggtggg	240
agcagccagc cctctgcccc tgcccagggc tcccacta taggcctggg acccccgcgc	300

<210> 305  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 305	
tgttatttct cagcacgtat gtagcagatg aggaaatgaa ggctaaaggt catatatcta	60
caaagtgggg aggtcagact ttgaaccac aacctgactg tggagccact tcagtatact	120
ctctcccat aagaaagtgc caatagaaaa aaaatgctac ttaagtaggg aaatcacaaa	180
ataagtgcc atgaacaata aatgttcaac ctactacag ttaaaatgta tattaagca	240
agagttgaga tgacactttt cttataaaa cagacaggga ttcagggaca ttgggactct	300

<210> 306  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 306	
gccatgtacc ggggtccaaa gaaaactaat ttatcagact ttgagctgga agtatccgaa	60
aggcattcat gttgagactt tagaaactga aaagaaggag cgatatatag ttatcagcaa	120
agtagatgaa gaagaacgca aaagaagaga gcagcagaaa catgccaaag aacaggagga	180
gctgaatgat gctgtgggat tttctagagt cattcacgcc attgctaatt cgggaaaact	240
tgttattgga cacaatatgc tcttgagct catgcacaca gttcatcagt tctactgccc	300

<210> 307  
 <211> 268  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(268)  
 <223> n = A,T,C or G

<400> 307	
aaaaagcatt caacatgcaa ataggtggta tatgttgata tcttgccctg actggctgct	60
aatttctgaa tcaatctgtt tgtgcattta agtcatttat tctctatttc aaaaagattg	120
aatctattaa agtcttaaga tctgtcttcc attataatgg tgaaagattt tgaccagata	180
agggaaaaga naacacaaca gcttgatttt gggaacncag atcttctcan agggggccac	240
tttacanaga gattgntcac cnatngca	268

<210> 308  
 <211> 252  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(252)  
 <223> n = A,T,C or G

<400> 308  
 ataagacacc aaatcaaagt ggtgatagta aatatcattg ccttggttct cacctcagag 60  
 actagtgttt caccattaag tgtgatatag cttagttttt tataaatact tgggagtga 120  
 tttttaactg ggtcatagag gattgttga tttcagcang tagaaatcag nggaaattan 180  
 ntctccagac acngggaaga gacnctagtn gnannncnnn tggntnctt tggctntaga 240  
 ttanngggan at 252

<210> 309  
 <211> 268  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(268)  
 <223> n = A,T,C or G

<400> 309  
 gaaagattct caaggaagaa gtaataaggc attacatctg aagagtgatg ctgaatttac 60  
 aaagatatatt ggccttacta aggatttgag agtgtgcctt actcgaattc ctgaccattt 120  
 gacctctgga gaaggtttcg attccttttag cagnntggng annantnnnn cnnntnntg 180  
 tcacnntnnn ttgectent nnetnntn tnncnntcnc ntnnnngnt atngtcnnn 240  
 nnnnatnttn ttnnnnttnc tectcttt 268

<210> 310  
 <211> 295  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(295)  
 <223> n = A,T,C or G

<400> 310  
 ggagcggcag gccagggccc aggagagtga ggaggaagag gagagccgga gcaccaggac 60  
 actagagcaa gagatcgaac gcctgagaga agaggggtcc cggcagctgg aggaacagca 120  
 gaggctcatc cgggagcaga tacgccagga gcgtgaccag aggttgagag gaaaggcaga 180  
 aaatactgaa ggccaaggaa ccccaaaact aaagctaaaa tggaaagtga ngaaggagga 240  
 tgagtcaaaa ggtggtact ncaaagacgt tctctacgn cttttgctta agtat 295

<210> 311  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

```

<400> 311
aagagaagct atgaaaagct tcagaaaaag caaatgaggg aattcagagg aaataccaaa      60
aatcacaggg aagatcggtc tgaaattgag aggttaactg caaaaataga gcgcctcacc      120
atgaggggtca atgacttggt tggaaccagt atgactgtcc tacaggagca gcagcaaaaa      180
gaagaaaaat tgagggaatc tgaaaaacta ttagaggctc tgcaggaaga aaagagagaa      240
ttgaaggcag ctcttcagtc tcaagaaaat ctcatacatg aggccagaat acaaaaggag      300

```

<210> 312

<211> 300

<212> DNA

<213> Homo sapiens

```

<400> 312
cccatacctat ggggtgtctt ttgacttttt ggtagtgctc ctttgaggca cgtaagtttt      60
ttaagttttt ctctgttttt tagcatcata tctaagaatc tactccaaat ccaaggctcac      120
agagatttac catgtgtttt tatctaaaag ctgtatagtt ttagaagtca gttcctctgt      180
cctaccagcc acatttcagt gatcacatga tgtggctgat gtccacagca cttgtcagtg      240
cagataaaga ccatcataac agaaagtctt ttgcaaaaa aacaactttt tttttttttg      300

```

<210> 313

<211> 300

<212> DNA

<213> Homo sapiens

```

<400> 313
gaaagaaaat attttcacat gtatctagca gcaatatagt ttacaataaa ccctaggtgg      60
tataatgtga tgtacattac acatgaacta tctacactca ctaaaagcca ttatttaaga      120
gtaagctcac atagcacacc tatttccttg gtgttgcaaa gcttgagggt gcacagcttt      180
ctcattttgt agagcaaatg acagttttca tcaacagacc aatggattca cagctaagaa      240
taagacaact tgaaaactcc acgtttttaca aaatcatttt ctattaaatt ataaaaacct      300

```

<210> 314

<211> 262

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(262)

<223> n = A,T,C or G

```

<400> 314
acctcaaaaa aaatgctgat atcctaaaat attcctagta tcctaaaata ttccataaat      60
cagatatacct acaaagccaa actggctcctt cttgttaaaa ttaataagat tctataagct      120
gttaacccaaa aaagtttcca ctaacactgn atacttanct ctccctaanta catnnattta      180
ngcttgctgn nantnntann nggncntnn ttgnnnnnac ttgncncnna gctattnnnc      240
acnataccn gtgnntnagt nc                                     262

```

<210> 315

<211> 300

<212> DNA

<213> Homo sapiens

```

<400> 315
gctgttgac ttgccagtt atcttgagc ctcgggttcc ccgcgtcgcc tgtggtggtc      60
ccggtccctc gacaccatct cctcggtggt ctcttgcggt ggtcggctct ccaagtcctc      120

```

```

ggcccactgg aatcaggtag tgtcagaggc ggagaagatc gtgggggtacc ccacgtcctt      180
catgagcctt cgctgcctgc tgagcgacga gctcagcaac atcgctatgc aggtgcggaa      240
gctggtggca ctcagcacc cctgcttacc acagccaggg ggcttgtaca tgacagctgg      300

```

&lt;210&gt; 316

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 316

```

ctagagcaag agatcgaacg cctgagagaa gaggggtccc ggcagctgga ggaacagcag      60
aggctcatcc gggagcagat acgccaggag cgtgaccaga gggtgagagg aaaggcagaa      120
aatactgaag gccaaaggaac ccccaacta aagctaaaat ggaagtgcaa gaaggaggat      180
gagtcaaaaag gtggctactc caaagacgtc ctccctacggc ttttgcagaa gtatggtgag      240
gttctcaacc tgggtctttc cagtaagaag ccaggcactg ctgtggtgga gtttgcaacc      300

```

&lt;210&gt; 317

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 317

```

gagagtggct accttaaaaa tgcaaagtgt aagaactgta acctcagagg agcaactctg      60
gcaggaaactg atttagagaa ttgtgatctg tctgggtgtg atcttcaaga agccaacctg      120
agagggtcca acgtgaaggg agctatattt gaagagatgc tgacaccact gcacatgtca      180
caaagtgtca gatgagaatt ttaggggctg gaggaagatg taaaagatga aaatgttttc      240
cttatcactt ttctttcttc acccactcag ttgtctagaa gaaataacac tgtaaggaaa      300

```

&lt;210&gt; 318

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(300)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 318

```

tcttcagaag gtcaaagcaa aacagaatct gatttttcca acctagactc tgaaaaaacac      60
aaaaaaggac ctatggagac tggattgttt cctggtagca atgccacttt caggatacta      120
gaggttggtt gtggagctgg aaatagtgtg tttccaattt tgaacacttt ggagaactct      180
ccagagtcct ttctgtattg ttgtgatttt gcttntggag ctgtgganct cgtaaaagtcn      240
cacttgtnnt acanatcaac ccangnnttt tgccttnntt catgatgant nngatgatgg      300

```

&lt;210&gt; 319

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 319

```

ctcaccaccc ataccctccg tccccgcg cctaccact atctagacac ctectgccct      60
ctccatattg ctccgcgga ttgtttccct ccctagcccg acttctccaa taaacagcaa      120
cttctgctt ctccagcaag tcgcataaga agaactggaa tcttgacact acaactcctg      180
acaggacgcc cctgcggcat ccagagacag ggaagccagt gctgctctgc atgttcaggg      240
cgagtagctg agagtctct tccggcctgg atactgagga aggtgactta gactttctct      300

```

<210> 320  
 <211> 291  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(291)  
 <223> n = A,T,C or G

<400> 320  
 gtgacttctg tggaaaaaaa attaatctt taccattgca gcgttctgcc ctaggtccaa 60  
 atgttaccaa aatcactcta gaatcttttc ttgcctgnaa ganaangngc tnacanganc 120  
 agattgttat nctngaacag nactgggaat nagatcantt atgatnnntn tancggtnat 180  
 tngcnccntt gtttanntat tennnatata tgnntntntt aattataatn ccacttttct 240  
 anattatttt gtagtcgga actcaanact ttttnntca gtaagttgtt a 291

<210> 321  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 321  
 tcttcagaag gtcaaagcaa aacagaatct gatttttcca acctagactc tgaaaaacac 60  
 aaaaaaggac ctatggagac tggattgttt cctggtagca atgccacttt caggatacta 120  
 gaggttggtt gtggagctgg aaatagtgtg tttccaattt tgaacacttt ggagaactct 180  
 ccagagtcct ttctgtattg ttgtgatttt gcttctggag ctgtggagct cgtaaagtca 240  
 cactcgtcct acagagcaac ccagtgtttt gcctttggtc atgatgtatg ngatgatggc 300

<210> 322  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 322  
 gccacgtttg caaaaatgca gcaaaaagt tacttagtct ggctgttttag tagaatttac 60  
 ctctactcat tcatcagcct ctttatatat atgattttta gtcttttcat tgcactgac 120  
 actgatacat acgaaacaat taagcaatac caacaagatg gcttcccaga gactgaactt 180  
 cgtacattta tatcagaatg caaagatcta cccaactctg gaaaatacac attagaagat 240  
 gaccctccag tatctttatt ctgctgttgt aaaaagtagc tatcaggttt atctgtactt 300

<210> 323  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 323  
 agaaggctgc ctctaccttg cccagaacac aaagggtgctg cagatgctgg agggaaggct 60  
 gaaggaggag gacaaggata tcatcaccag ggagaatgtt cttggggccc tgcagaagtt 120  
 cagtctcagg cgcccgtgc agacagcgat gattcaagac ggcctcatct tctggctggt 180  
 tgatgttctg aaggaccctg actgcctgtc tgactacacg ctggagtact cgggtggctt 240

gctcatgaac ctctgcctcc gcagcacagg gaagaacatg tgtgccaagg tggcaggcct 300

<210> 324  
 <211> 285  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(285)  
 <223> n = A,T,C or G

<400> 324  
 gcacctgtag tcccagctac tcaggaggct gaggcaagag aatcacttga acccaggagg 60  
 cagagggtgc agtgagctga gatcacgcca ttgcactaca gcctgggcaa caagagcgaa 120  
 actttgtcta aaaaanaaan cactgggctt attcatgtct tgatcacatc tntcgtaaaa 180  
 gcttaagctc tntccggggt ccgggttggc cgtncctgn aattctggtn ggccngnntg 240  
 nggtctctgn aaatgtggct gncngctnag ancnnnnact ctgac 285

<210> 325  
 <211> 293  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(293)  
 <223> n = A,T,C or G

<400> 325  
 gcacaccctc ccgtggtggc tgttcctccc tgtcacctgc ctctcatca tggaaggggg 60  
 ggggctatga aagccggtct caaagataac tgcatecttc attccaggaa agccctagaa 120  
 ttagggcaca ttgcaaactg aaatatgact ataattctta tgggaccaa ttaagcaat 180  
 ttttgttttt ggctgaagag acaccaaaat attagaggac aaatattttt agatccattt 240  
 aaggagtttt gaagtgccta ntangaccta tttgncagtg gngnnattta att 293

<210> 326  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 326  
 ttgtgaacca gatgatgaaa gtggctatga tgttttagcc aacccccag gaccagaaga 60  
 ccaggatgat gatgacgatg cctatagcga tgtgtttgaa tttgaatttt cagagacccc 120  
 cctcttaccg tgttataaca tccaagtatc tgtggctcag gggccacgaa actggctact 180  
 gctttcggat gtccttaaga aattgaaaat gtctcccg c atatttcgct gcaattttcc 240  
 aaacgtggaa attgtcacca ttgcagaggc agaattttat cggcagggtt ctgcaagtct 300

<210> 327  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 327  
 gttgcactgg tgccctcccct cgaaccgcca agcagaaacc ggacctcaca gctgactggg 60  
 aactggacat gtggaagagc tgctggctgc atcaggggaac aggaggagga agagggtcag 120



ggtggagagg aagatcagtc agtgggcaca agacagtcaa atgggcaagg cctgcctcgg	180
ggaactagaa ccttccagga tctggagccc gggagagcca cactgtgggc ttaatgtgaa	240
tagaggaaca agtgggtatc tctgccaggc accccacttt ctccctagtaa catgggctca	300

&lt;210&gt; 328

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 328

ctggtcaggg tttgactcag gaagctgagt tccagcttgt ttccttggca gcactgccaa	60
agagtttagac caagctgcag cttttgaggt gaaaggggat ggaagaaagt actgttactt	120
ttccacttag aatttttgga ctttgttctt aatgaatagg ttcattttca atttcaaagc	180
aaagtgttaa cttttttgaa atttgtctca attctaaagg ccaaacttaa atatgtctcc	240
tcctactggg gcatggagca agttattcat caaatacaga ttctcgcattg gaaaagaaag	300

&lt;210&gt; 329

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 329

aatggatgct catatattgc ttatggatat tttggatacc aaagtaggaa taactgacat	60
tcagtatttt aaagctggca aacctgtaca tagaaaatag atccccagac agtgggtctat	120
gaagagggga gttaagtatc aaatacttaa ttttcttgcc tttttttctt aagtggggaa	180
aagttttctag atctcttaca cctctgacac aatctgttct aaaacaggca cttgtaatgt	240
tggggcctcc ttgtaaacgg tgtttttgcc ctttactctc tgggattaca ggcgtgagcc	300

&lt;210&gt; 330

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 330

gccaggctgg tctcgaaact ctcacctcaa ctgatcatct gcctcggact aagtgtctggg	60
attacaggcc tgagccaatg cgcccagcct actttctata aaagtcgtca tgtctctgcc	120
cccaccccc gccaccccc acatagtctg tttcatttga ttttccccctt agtttagtgt	180
tttattttga tgtttcttca gatgccttgg gatcattcac tgttcctcat atttaagagc	240
aaatgcttaa aaattcttag aaataccttc ttgaaaagcc tgcattccta ccacctctca	300

&lt;210&gt; 331

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 331

tcgagaccag cctcagtaat gtagtgagac cccatctcta caaaaaaata aaaataaaat	60
aaaattttcta agtacttgtc tatttgcagt ttactattct tgctagaatg tatctcttca	120
gggttttggg gtttacctat gcccccttca attttgggtt ctctcaaatg ccagatgtat	180
ctcctagaac tctttgggat ttttagctct ctaatacctt tagacattta aaaaatatat	240
attttggatg ttttagttat cttcagaggc aatgttaatc cgaattatca aggtagtcac	300

&lt;210&gt; 332

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 332

gaaacgctga	ctctgcctct	tagccctg	gttgaagccg	actagagaat	ctcagacgtg	60
cttaaccggt	ctgttgggct	tccttgccct	ttccagtc	caggtttcct	ttccctgctc	120
ccttcctgct	tctaatcca	gccaaagaga	aagcaaagat	ttagaaaaga	agggtaggaa	180
gaagctggaa	tttgaattgg	caagagaagt	ttgaggttgt	cttttctaga	tcaaaacaat	240
ttttaatagg	ctgatgttca	catgttgac	tttctaaagc	ccgtgcttga	cctcctaagg	300

&lt;210&gt; 333

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 333

ccatcataga	gcatttaggt	tcttttct	ttctgttg	aataatgcaa	tggtgaatct	60
gagttcatta	agtgaagagt	ccagctgcac	actgcaggcc	cagctctggat	gtaggtgctc	120
agatggttct	ctttgagaca	ggctttatcc	tttggtctc	atttttttga	tgagtgtaca	180
tggcatgagg	gacacagatt	ccgctagaat	tcaaattcca	cttgtgtata	acctagggca	240
gtgtgccaca	tctctgcaca	tctgttcatt	gtaaggatta	catgtttagt	gtatataaag	300

&lt;210&gt; 334

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 334

ctgggaagga	ataattcaat	ttgattggca	gatatatata	atacagtagg	agaataatgg	60
gagaaagata	aattgagact	agaataggt	gactttaaat	gcctgtctgg	tttaggtatt	120
tgaactttca	aggtgtggta	aatgtttgag	taaaggaata	atgtgtccaa	agattattat	180
ggaattgtct	ctctgcatac	ctctatcgct	gtttgtcaca	gctgtgttct	tatgtgactg	240
attcttctctg	aagattagaa	actcctcaaa	gactgggttat	tagagcttat	tcttcattat	300

&lt;210&gt; 335

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(300)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 335

gttggaagtt	cctaattctt	tctcggtta	actgtgaaac	tctgcgtatt	gggaaggcct	60
ggcctcagtc	atcaggccag	gagaggtact	ggacgccgcg	cacgcactcg	tctgccagcg	120
aggcccaaaag	gggaagccta	gcggagctca	gtgtggcagc	tgctggcctc	tgggccgggt	180
gtgcatctaa	tcatccaaaa	aattcagctc	anaacctgac	taaagatagt	actttaaaac	240
atgaaggcct	ctattcagag	aacttaactg	aattctagaaa	attcctgaaa	agtagggaaa	300

&lt;210&gt; 336

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 336

gagatttctt	ctaattggcc	aataatatcc	ttcagttctc	ccacctccaa	tatccaaagt	60
tctgtcaagg	atcacatact	acatttgggt	ctttattata	gactttttaa	atatcgttgt	120

```

ataccattgt gattctatcg tctcctttaa taaagaggag aaccagaaaa atgaaaggtc      180
ataagaggaa tgagggttgg agaatagggtg aaaaaaggca tcataatgtt tataataatg      240
tttgccgtgt cagagaaaca agaatcacag ataaagtcac ttatatgtag ataagagaat      300

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<210> 337
<211> 268
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(268)
<223> n = A,T,C or G

```

```

<400> 337
gctaaacatc aaaaacagat ctggtagggg cggggaaatg agggggaaga aacatangcg      60
tgntgggtgcc nttatnctgc attannaact ttanttcnat gtntgtnttn ttntttcntt      120
nancgnance ttttatttat nttttttcct tttctntttt nttattnttt tnntntttatt      180
ntttntgtgn tttntttntt tttttttnat gntntnantt tgnnttantt ntnttttttt      240
cnntnttttn tattatcttt nttacttt

```

```

<210> 338
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 338
gggacccagt ggacttcttc ctgctgggtg tggtagtagg gatggtactc atgggcattt      60
tcttcagcac tctgtttgtc ttcattgact caggcacctg ggctctctcc atcttcttcc      120
acctcatgac ctgtgtgctg agccttggtg tggctctacc ctggctgcac cggctcatcc      180
gcaggaatcc cctgctctgg cttcttcagt ttctcttcca gacagacacc cgcattctacc      240
tcctagccta ttgggtctctg ctggccacct tggcctgcct ggtgggtgctg tccataatgc      300

```

```

<210> 339
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 339
gtcaccaact tgaaaccagc aaccatcaag gtctatgact actacctacc agatgaacag      60
gcaacaattc agtattctga tccctgtgaa tgaggatagg agctggaaac tcaattagtc      120
ctctgtgaca ttactggagg gtggaacatt cttctgtcgc ttgaagcaga actcattcaa      180
tcaaataatt taatttctct gactagtata tgggtaacaa atgaatatgt ctgaacctca      240
gctataatac tttctactac ctttgcaagg agatgggata ggaacaatca ctcagaggag      300

```

```

<210> 340
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 340
tgacacaaaa tgccaaccca tcccaaattt acaacatcga ccctgcccgc ttcaaagatc      60
tcaacctggc tggaacagcg gaggtggggc ttgcaggcta cttcatggac cacaccgtgg      120
ccttcaggga cctgccagtc aggatgggtt gctccagcac ctgctaccgg gcagagacaa      180
acacggggaca ggaaccccg gggctgtatc gactacacca cttcaccaag gtggagatgt      240
ttgggggtgac aggccctggg ctggagcaga gctcacagct gctggaggag ttcctgtccc      300

```

<210> 341  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 341  
 atcatattca agttggcagg tttgactgtt cctctgcacc agacatctgt agtaatctgt 60  
 atgtttttca gccgtctcta gcagtattta aaggacaagg aaccaaagaa tatgaaattc 120  
 atcatggaaa gaagattcta tatgatatac ttgcctttgc caaagaaagt gtgaattctc 180  
 atgttaccac gcttggacct caaaattttc ctgccaatga caaagaacca tggcttggtg 240  
 atttctttgc cccctggtgt ccaccatgtc gagctttact accagagtta cgaagagcat 300

<210> 342  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 342  
 ctggacagaa gtctattctc cttctcagca gcggtggctg cactgtgatg catgtgaaga 60  
 tgtctgtgac aagccactcc tttatgaaat aggatggggc aagaagcttt cctatgtcat 120  
 agcattttca aaagatgagg tagttgatgt cacttggcga tattcctgca aacatgaaga 180  
 ggtgattgcc agaagaacta aggttaaaga agcattactt cgagacacta ttaatgggct 240  
 taataagcag aggcaactgt ttttgtcaga aaacagaagg aaagaacttc tccagaggat 300

<210> 343  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 343  
 gagctgatcc tgcatcatgc cggggccagc gagtgcaggg acgtggaggg gttcaaaacc 60  
 gagatggcca tgctggtgac ccaggccagg aagaacacca tcaccctgga gaagcttcat 120  
 gtgtccagcc ttctctctag tgtctttaag ttgctgatga ctcacaagg aaagcttgag 180  
 agcaactttg cctccattgt gtttgccatc atggtgttgg aggggcttgg cgcgtcactg 240  
 gaccccaaac tggacatcct ggaggcagcg aggcccttcc tctcacggc ccagtgtgcc 300

<210> 344  
 <211> 265  
 <212> DNA  
 <213> Homo sapiens

<400> 344  
 gtgacctctg tgtttctata actatgttaa tgtgacctgt aaaacagttc acttctcaac 60  
 aagtcagctt cctcatattt aaaatgagaa gttgtcttga gtttctaaag atgttttaggc 120  
 tgcattgtct tgggcctgct caggattttg acctctgaga taaaagctgg atttaaaaag 180  
 ccaatccaag ccaaacacct ggcattatta gcattgttat tccatcagat ctgtttgttc 240  
 tgataaagaa gctgggggtg gaatt 265

<210> 345  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 345  
 tgacatcaat gagttgaagt ctactcctct catggaggct gaagaaacat ttgctgagca 60  
 ataatagaac ctgccacaat tatgtttctg atggggtagg acgggtcctt gcaggagtag 120

```

agggtctgcc tggagggcat gggtaagaat catggctcat gatttgtgtg ggacaagtgg      180
tcgcagagca gaggctctgg gtaaggagac ctggtttgag tttataacca gagacaggca      240
gttcaccaac tgagtctcag ttccttatac tggaaaatgg gaataatttg tcttctctgg      300

```

<210> 346

<211> 300

<212> DNA

<213> Homo sapiens

<400> 346

```

gtaggacagc ctttggtgaa ggagacactt tggagagcat ggtgtgtgaa aacacttaaa      60
ggaaaattaa aggggaattaa gaggaattg aaggggaagga gtatatgaga agggttgctt     120
tgtgggttata agctgaattt tctttaatgt attttgaaag accccggtaa agaaaggaat     180
ttcttttaaat tttgcagaga atgaggagtt gtccaattag gtgttggaatt gttcttcctt     240
ggaactctca agagaggagt tgtgtttaga gatagatttg ggagctgtaa gcaagtagat     300

```

<210> 347

<211> 300

<212> DNA

<213> Homo sapiens

<400> 347

```

cttttagcaag tcactcgagg tcatggaaca tgtttttgaa gaaataatat cagttcatga      60
attctgtacc tgtttcttgt cgctgaaggg gtaagtgaca tcagcagcat gttcattcct     120
tttcttgtct tctacctgtt ctccacaaaa gtataaaaag ccagaattgc tttttgggtt     180
ttgagatggc attgtcttcc atttgcaaaa aacagtttat aagacaaata ataaagaaat     240
tgaaatgttt ctgatggttt caaaaatgta aacataagcc agagtagtta tgtctcaaca     300

```

<210> 348

<211> 300

<212> DNA

<213> Homo sapiens

<400> 348

```

gtttaaagaa aacatacaag ggtatgacgg agatatgatt aggagaggga atgctttttg      60
agggcagaat tgccaatctg cttgtacttt ataagcctgt tgattgttta gatacgggtt     120
agccagttta tagttaccct ggggtctgaa aggtatgctg gatgatacct aaccaacaga     180
gaaccattga atgccgttca aaatggactg aagcatcagc aatgtctgaa aaaggcctga     240
cagtaatgta catgtcaaat ggcccgtaat ttaagcagag tagagtaagt agaagaataa     300

```

<210> 349

<211> 299

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(299)

<223> n = A,T,C or G

<400> 349

```

ggtggatgtc agagttcggg ggcagctccc gtggggacct ggggtgtgtg gctgggtgaa      60
gacgatcacc tcccttctgt ggttttatcc cccaggctga gtttgagccc ccaaggctcc     120
tgtcggttct ggtttgtgat tggctcctcc gtgccccatg cgcattgtcca gccgccaggg     180
agattaggcg tttgtagtaa gtgatttcac tggccctggg gggacagatg ggtagacagt     240
gtttgatccc angtctttgc agggctctag cccctcgcaa gcttctgcac cttctctgc      299

```

<210> 350  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 350  
 gtctcatgtt agttgtaccc acagctctca tcagaagcag acacagatac tttttgtagg 60  
 aaaacatctc taacttaagc ctgtaggatt cccaaagatt aaaagcaggc aaatatgaat 120  
 tcagtcaa at catagcattc aagtagtctc aacccaacat atttgagaat tgtagaaac 180  
 aatgaatatg tttcccaaag actaggtttt ggaattatca gatacagaac acagacttca 240  
 aatattagaa ttgtgagaaa atagttacat gtcaaacctataataaaga aagatggact 300

<210> 351  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 351  
 atgcttgtca gcattgccaa gtggcaaaaa atacagttat tgtagcaccg aaacagcacc 60  
 ttctcaaggt ggaaaatcca tggagtttag ttactgttga tctgatgggg ccttttcata 120  
 caagcaacag aagtcattga tatgtataaa tcatgacaga tttgttcacc aaatggattg 180  
 tgattttgcc tctatgtgat gtttcagcat cagaagtttc taaagctatt atcaatatat 240  
 tttttctata tggacctcct cagaaaataa taatggacca aagagatgaa ttcattcaac 300

<210> 352  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)... (300)  
 <223> n = A,T,C or G

<400> 352  
 ctggacttgg gctttttctt ctatttctg ggtagaaaag tccttaaagt ggatgctcat 60  
 gtccagtggc ctgggcatat attgtttcac tggatcaat aatatttttag gatataattt 120  
 tctagcagct aggttttaca tgtatataca ctatgggttca gatataaatt acccatctct 180  
 ctatattagc ccagttagct agtacatgga taagtcatta gataatttgc taccatgta 240  
 tntgtntat taagangtac ntatanttna actaccaanc natntgtacn ntgcatttat 300

<210> 353  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 353  
 aaacaactga aggtcaaaaa cttatatgcc tttttatgtg tacatttaat aaaacaattt 60  
 tattgatttc ttaccgtaag ttactgtgat gtagtataaa tacttcaacta ttcagatact 120  
 ttctgaagag atacatttca gtggaacact ttgcataaat atttttctcaa aaatgtgcc 180  
 tttctgggaa aaaagggaat gatgggaaag aatgttattg cagtttttcc tagaaatttt 240  
 gtcagattgg catgcatttt tattgactaa gaatcccaat ttttagcatga agaccattag 300

<210> 354  
 <211> 300  
 <212> DNA

<213> Homo sapiens

<400> 354

```

gggaagttgt tgttcaaadc tgtagtggtg ccagtcagca caaacgagga aatgatggca      60
gagttagttt aataaaacag agggaaatcta cgttaggtat catgtatcgg agtgaactgc    120
tttcttttat caaaaaatta cgagaaccac tcgttttgac tattatttta tcactctttg    180
tgaaacttca caatgttcgg gaggacattg tgaatgatat tacagctgaa cacatttcta    240
tttggccatc ttccattccc aacctccagt ctgtggactt tgaagctgtg gcaatcacag    300

```

<210> 355

<211> 300

<212> DNA

<213> Homo sapiens

<400> 355

```

gggagacctt tacctagatg ttgctgaagc ttttctggat gttggtgaat ataattctgc      60
acttccccct ctcagtgctc ttgtttgctc tgaaagatac aaccttgacg tagtttggct    120
tcgtcatgca gaatgtttta aggccttagg ctatatggag cgagctgctg aaagctatgg    180
caaggtgggt gatctggccc cactccattt ggatgcaagg atttcaactt ctacccttca    240
gcagcagctg ggccagcctg agaaagctct ggaagctctg gaaccaatgt atgatccaga    300

```

<210> 356

<211> 292

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(292)

<223> n = A,T,C or G

<400> 356

```

ccaagctgaa ttccagattc tgaaagctga gctggaaaga accatagagg anaagcaaga      60
gttaaaagag aaactgaagg aaacagagac acacctggaa atgctgctga aggctcaggg    120
ctttggcaaa gcttacgcgg ctacgtatcc acgtcagcta tctccttact tctgtcctcc    180
ctcacttgga gcttcangag atcggctatg actcagaaca agtgnatggg atcctgtaca    240
cggngctgga ggcaaatnac atactgnatt gancaccaga ctgnatacc tt              292

```

<210> 357

<211> 300

<212> DNA

<213> Homo sapiens

<400> 357

```

gctaattgga aaatactgga agtcccttag gtattccact gcagtagtat cataagccta      60
gaaaatctgg aacaattctg tgagggttta gaaaaaggga cattgaattc agtctctagc    120
agtatggtag atgagactca atgaacaatc ttgtcacaaa ccaaggacat catctgaaaa    180
aatgttttaa gtcttttgaa atgatctgtc aagaaaacag ggaatcatca gacacaaaaa    240
ccaaagtgtg agtagcagag gtcagtaagc actcaagggt gccccaccct ggaggtttct    300

```

<210> 358

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 358  
 agcacaagag atgtaaaaaa aaaaaaaaaac ccncccn cn gnggaangnc ccttttnagg 60  
 tttngnttng ttttttttn ggtttnnttt tntgtttttt taatnntggg gataaccnt 120  
 gatgncnggc tanngtncat atcnggtctt ttnagntagt gggctctttt aananntn 180  
 ngctnaaann ttaactnata aaaggttnga gccncgtnan catncgncna anggnacca 240  
 ngcatagana aaagganatt cnnccctgt gtatgaatga gcnggtcaga ttcaaggcag 300

<210> 359  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 359  
 agtttgtggc agctggagat cacctagtcc accactgtcc aacatggcaa tgggctacag 60  
 gggagaagatt gaaagtgaag gcatacctac caacaggcaa acaatttttg gtaacaaaaa 120  
 atgtgccgtg ctataagcgg tgcaaacaga tggaatatc agatgaattg gaagctatca 180  
 ttgaagaaga tgatggtgat ggcggatggg tagatacata tcacaacaca ggtattacag 240  
 gaataacgga agccgttaaa gagatcacac tggaaaataa ggacaatata aggcttcaag 300

<210> 360  
 <211> 270  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(270)  
 <223> n = A,T,C or G

<400> 360  
 gttttctcgg cagatctgca aggctggctt taagagcaca aggagggaaa gtaacgaaag 60  
 ggctggacta ctataaaagt tacaaatacg tagtttagacc aatagattta tatagtcagg 120  
 tttttgtcat gtaatttatt aactaactat tacagaaaca cagctaagaa tatcaagtat 180  
 ttctctggct cttgacagaa aaaaatcagt tgacttaacc ctttctgca naanagtgn 240  
 cgtttctgcg ttgntgcta ctgctaactg 270

<210> 361  
 <211> 152  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(152)  
 <223> n = A,T,C or G

<400> 361  
 ggtgcgttag catctgaacc actgaaagtg agtcatggct tttatggtac tggagagacc 60  
 tttgttttta cattctgtcc ggagtttgag gtctttaagt ggacaggaga taatatgttt 120  
 tttatcaaag gagacatgga ttcactanct tt 152

<210> 362



<211> 276  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(276)  
 <223> n = A,T,C or G

<400> 362  
 tcatgggtgct tgtaagtgat gacaaaagct ttaataactg gcacactagc ataatataga 60  
 aatcaatata tatcaatgta aaatataacc ccctttttatt ctgtaaataa atacacacaa 120  
 gcacatgtat attatcactg tttatagcac aaattatcac tctaatttcc aatttttttaa 180  
 ttgatttttg gacattctga agagtattct tgctactagc taaatgatct ccatttccgg 240  
 gccatgggtt gacatangga aagncagcca aacctt 276

<210> 363  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 363  
 gtatgccctc tcagaacatg cagagtgtat ctttttttaa atttctcctt ccgttgctta 60  
 agtattgctc agatttgctc aactttgcaa atatggacat cacttttttt ttctttgaga 120  
 aaacacttgt atcagctttg tgggtgtttc agggagaccg ctgatggcag tccgtgtaaa 180  
 aaccagcaa tgattatgca cgtggagaca tgtgcttttt atttcttagc aggatatttt 240  
 atctctgtac ataaagtaga aaccaaaggc tagggaaaca gatactcttt acaccatcat 300

<210> 364  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 364  
 gtgagccgag attgcgctag tgcactccag cctgggcaac agagcaagac tccatctcaa 60  
 ggaacgttaa aaaaaataaa aattaaaaaa aaagaatatt taggaaattg gatattttct 120  
 aggagaatta cagaagaaag gtagtaaaga atggcaaggc tatatttggt aaagacttta 180  
 atgtctagag aagagttgac actagggatt tgggtaacca tcaatagttt ctaagtaagg 240  
 ataaaatttt atcactatta ttacaataag cacttactaa catgatggat attatgatac 300

<210> 365  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 365  
 gtcactttac tctccatccg gagccgcttc ctttctcgcc gcgaggctcg ggggtggggg 60  
 gggaccagat tggagccgag ggctaactgg gatccgtccc atttccctgg gcttgacgtt 120  
 ctctgaattt ttagctaatt tggaaagtta catttatttg catttggtta tcgcttgctc 180  
 acataggtct gtgtcccgaa gcttggcaga tgagcgaaact tagccagcac acccccggcc 240  
 gtgaagcagg gaggtgaagc ggggagagca acgagcccca cccgggtctt gccagctgga 300

<210> 366  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

&lt;400&gt; 366

aacactttta gttgctctat tgattactta gattttttgtt ggcaattagg agctttttcag	60
taacatttctt tgctccatcg gtagtctctg ctggctcttg ttacttcagg aaacacctga	120
gcacagggtt tcaggaaagc cttctattaa atgggcagag gccccagcag gactcctgca	180
tggtcatctg' cacagccaga gacagctgga gggcaggagg agccgcgttc acatagggtt	240
ctgcagcctt ggagccgcg tttcttccaa gtactcttca gatcagcggg tcttagcctt	300

&lt;210&gt; 367

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 367

ccagcacctg ctgtgctggg aaggccgagg atggggggccc agcactgtcc aggcctgctg	60
gggcctggct gggagtcctg tgggcagcat' ggaacatgca gctgggcttc ctgtgaccag	120
gcacctctg gcactgttg ccttgacct tttcctgccc ttctccttcc	180
tctgctcctt tggggctacc ccttggtctg tgcaaaactcc ctcagggagc	240
ccccctgccc tgtagctctc acttaacttc ctaggggctg ctgagccac ccagagggtg	300

&lt;210&gt; 368

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 368

gttcttttga acagtaacag tctaggatct ttttttttct gagatgattt ttgaatgctt	60
ttgtgtggaa ccacatgcat cataatagat acaaatccat gaaagtataa cagttaaata	120
ctagatctta ctttttcagg ttttgatttc tcatctaaac tttccaatgc tttatcagtg	180
aagcaacta actcacattg actagcctgc tctccttttag caaaccttc aaataaatgc	240
ctcatttget cctcaccact atcattttag attggccaga cagttgttac ttacctttta	300

&lt;210&gt; 369

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 369

ccaaagcaca caaatggcct. accatctttt attcttctct ctagcttctg gagagagaaa	60
tgattgttcc agtttagaat gccaggagt tactgggtgt ttgtattttt tatctgtgcc	120
ttaaaaaat tagattataa tgaacaagac atctttatgt tttacaggga aggaaaaagc	180
agtgaagta tgcattttcg aaagaaaagt gtgttgggaa aagagagaga ggggtggaaac	240
ccaaaggaga aataaaaatt ttaagtcctt gttgcagtag ctggagggaag tgagcttgga	300

&lt;210&gt; 370

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 370

agagtaaaaa tagaaatgtt ctttttccca gaaaaaaaat cagtaagctg gtacagataa	60
ccataccaca ttgcctgttt ttccaaaaaa ttacatttgg'gtgatataa atgcaaat	120
ttgaactgca ttgacagaag tcaggcatgt ttagagagtt agtaaaactt ttcagaccac	180
agatcagcat taagtgaat actgcttcag ccactgatac cttcatggca gataagtatt	240
atactgactt ctttttagag acacttctgt tcacacacaa gacacagaat ttgttgaata	300

&lt;210&gt; 371

<211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 371  
 cgccatgttg cccaggctgg tctctcctga gctcaggcaa tcggccacct tggcctctga 60  
 aagtgctaga attacgggca tgagccaccg catccagcca gaaagataca tatctaattc 120  
 tagaaatagc atgcagtatc agtcatagta acagccatgt gctgcctaaa ataaaaatttc 180  
 ttgaaatggg gaattaaccc tggagtattg agctagtttt tttggtttgg ttttttgggg 240  
 ctgaacattt gggcctaata ctttgnntnn tnaaacntt taaaaaannn aaggtttggg 300

<210> 372  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 372  
 ttttagatgaa gtgctgagaa tatttagaaa aagcgcttta aaaagcatct agagattatc 60  
 atgaaaataa ttggagacaa agtcactagg ctgctttgtg agaggcagca taccatggct 120  
 ctaaacccgt tcacaaaaaa caatgttaga gacattagga attcaggttt tgaaaatctt 180  
 tttttcgatt tatttgtaatt ttacatacca aaaaaccaca ttaaaatagt cctcccttca 240  
 acatggctat cttttttcaa gttttatatt catagctctc tcagcacttg aatggaaaaa 300

<210> 373  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 373  
 ctgaaatgct gacaagatgt ggcattggta agttgctact ctttgattat gacaagggtg 60  
 aactagccaa tatgaataga cttttcttcc aacctcatca agcaggatta agtaaagttc 120  
 aagcagcaga acatactctg aggaacatta atcctgatgt tctttttgaa gtacacaact 180  
 ataataaac cacagtggaa aactttcaac atttcatgga tagaataagt aatggtgggt 240  
 tagaagaagg aaaacctgtt gatctagtcc ttagctgtgt ggacaatttt gaagctcgaa 300

<210> 374  
 <211> 296  
 <212> DNA  
 <213> Homo sapiens

<400> 374  
 cttgtgtttt cttaactccc ccagtaatag acctaaactga ttttgttttg agaagttcgg 60  
 tattagctta agtttttgtt cgtttataga atatcaaaat ggtatcaaaa ctgttttaaaa 120  
 ggtcaatgta catctgtagc agagcttttt actcttttcc ttgtcttctt tctctttgtg 180  
 tatatacatt gtttatagtt gtattcagta tacatgaaat tttgtgtctt ttttactcct 240  
 ctctgtataa accttctgtg ctgcaacaat gtaaattaca ttcaggttgt ttccag 296

<210> 375  
 <211> 287  
 <212> DNA  
 <213> Homo sapiens

&lt;400&gt; 375

```

ggtaaaaggt ggagaccatc attgtggaat cttgtatttt ctattaaggt ttgtaatagt    60
cctacaaact tgaacataaa tttttaatat ttgggaagga acattcactg aagaattgat    120
aatagactaa aaaataacct gttatcaatt aatacatgat ctgtccttga acacatattc    180
accattatgt aaacctcaca ttatttcagc ttattttattc cacagatacc aatagacatg    240
ttttcacatt gtagcatctc ccaaatcaaa atactttctaa aaattgg                287

```

&lt;210&gt; 376

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 376

```

gactatgcag gtctatgggg aaaccttttag tctgctttaa gaaaactcag tatctgaaaa    60
tcttaactta gcatgtgata ctgtcttatac agcatctgca gaagtgccaa agccactgct    120
agacacttaa tgtgtattat ttcatttaat tatattttta atgtgcttcc ttggtaattc    180
ttaagctcga gaaagagttt gagaactgct gctaggaaat agagattcac atttaaccct    240
gtgggtacttt taagaagcag gtacgttggt gcatatatac ttgggtagag attggtaact    300

```

&lt;210&gt; 377

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(300)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 377

```

ataacatttt tgcaagtctg aaattatttc aaaatcaaaa gagactatca aattacagga    60
ttaaataana ttggattntt cccatancaa tttaatgcca tttaaaaaca atgttacatg    120
attacttatt aaaagaatgt gctngccgct tttctgctgt ctggctgact tggaggcctg    180
agattanatg gtacccttgt gttctttngg tgggtggttat aancanggat cctcancatt    240
tctctttttt gnatcttgcg attccgnctt caagctatct cccacctgca cctccccctt    300

```

&lt;210&gt; 378

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 378

```

ctcctgcctt gcttaacccc tctctgtgcc tccccagtgt ccctataaca aagcccacac    60
tccttgcccc ttgctaaacc ttccgtaccc ctctcaaacc tctgggaccc cttccctggc    120
catagccttg cctgtgtgtg ctcccttggc tgggaatact ctctctctg ctccattttg    180
ccaggccagt tcctacccat tctcatggca aacatccctt cccaaaagac ccaacgcctt    240
ctccaggcca ggtcatcccc cagcctcctt cctatgcctt ctcaggactc tatagttctt    300

```

&lt;210&gt; 379

&lt;211&gt; 258

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(258)

<223> n = A,T,C or G

<400> 379

gggagctgca	ccacaaacgt	ctagctctca	gcagagctgg	gagcaaagcc	tggccgcccc	60
ccccaacctg	gggctgcctc	ccactccgtg	agatgcttct	gtctcctgtt	cactttgtgt	120
ggtagtttct	tatttnccaa	tgcattctnat	tngatcatta	ctgngacctt	ggaaatcnct	180
atgntanggn	nancnntnna	gnngncntat	attntaaaaa	cttttgnatn	ttaagnctcn	240
tantttngtn	ntctggnt					258

<210> 380

<211> 248

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(248)

<223> n = A,T,C or G

<400> 380

cccaggcctc	cccgaaccca	aaggggaagg	caggggtggg	gccgtggctg	aagccggctc	60
cccaacccaa	atgctgcacc	aaagctcggg	cgccgggggc	acggctgctg	cagtctcttc	120
ccagcctggc	cctggcaagg	ggcgggtggg	cgctgccagg	cgggtgcttc	tcgacgcact	180
tgctcccggg	ggctgcgccc	cggcgccctg	aacccgangt	gggaagaacn	gntngnnnna	240
nccttggtt						248

<210> 381

<211> 300

<212> DNA

<213> Homo sapiens

<400> 381

tcaccaacca	gatgagcatc	gggcgcggga	agctgccagc	cgaggagtgc	aaggccaagg	60
tggaggctgt	ggtggagaag	ctgggggtcc	ccttccaggt	gctgggtggc	acgcacgcag	120
gcttgtaccg	gaagccgggt	acgggcatgt	gggaccatct	gcaggagcag	gccaacgcag	180
gcacgcccac	atccatcggg	gacagcatct	ttgtgggaga	cgcagccgga	cgcccggcca	240
actgggcccc	ggggcggaag	aagaaagact	tctcctgcgc	cgatcgccctg	tttgcctcca	300

<210> 382

<211> 300

<212> DNA

<213> Homo sapiens

<400> 382

cattgttgta	tcagtgggtg	ttgatgaaga	aattgtttat	gccaaatcaa	ctgccttaca	60
gacatggctc	tttggttatg	aactaactga	tactatcatg	gtcttttgtg	atgacaaaaa	120
catctttatg	gccagcaaga	aaaaagtggg	gttcttgaaa	cagattgcca	acactaaggg	180
caatgagaat	gctaattggg	cccctgccat	cacactgcta	atacgagaaa	agaatgaaag	240
taataagagt	agcttttgaca	aaatgattga	agccattaaa	gaaagcaaga	atggcaagaa	300

<210> 383

<211> 279

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1)...(279)  
 <223> n = A,T,C or G

<400> 383

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tcaaagtgtc	cttcaacatc	accctggact	ccatcaagg	ggaggtgtng	gaggttnttt	120
atgttatttt	tttagntngt	ttntttnttt	ttgngttntg	tttttttttt	tttttttttt	180
tttatnttct	ttttnttttt	ntntttnttt	tttatntntt	ttttntntct	ttttttntnt	240
ttntttnttt	nngtnttttt	tttattnttt	tttttttttt			279

<210> 384

<211> 300

<212> DNA

<213> Homo sapiens

<400> 384

ggaagacata	acagtgttgg	tgactccaga	gaaaccactt	cgacgggggc	tctcccacccg	60
aagtgaccca	aatgcagtgg	cacctgcccc	ccaggggtgtg	aggctcagcc	taggccccct	120
cagtccagag	aagctggagg	agatcctcga	tgaggccaac	cggtcggccg	ctcagctgga	180
gcagtgtgcc	ctgcaggatc	gggagagcgc	aggcgagggc	ctggggcctc	gccgagtga	240
gcccgatcct	cggcgggaga	cctttgtgct	gaaggatagt	cctgtccgag	acctgctgcc	300

<210> 385

<211> 300

<212> DNA

<213> Homo sapiens

<400> 385

actgggtttt	tgttctgtgc	ctccagtatg	tgcataaggaa	atgtgtcttt	gaatgatggg	60
gaagctgtgg	aaacgcacta	ccaaaaggag	gtttcatacc	ctgttcacct	aattgtgtca	120
cagaaatcag	aaaaggaaaa	tctgtgtcag	tgaatttcac	tgtatcgtea	acctccaga	180
ttgggggata	tgtggagtca	accaaccttg	gatcaaaaat	atttggaaaa	aaaatttgca	240
ttcatactga	acatgtacag	actttctttt	cttgtcactg	ttccataaaa	caatacagt	300

<210> 386

<211> 300

<212> DNA

<213> Homo sapiens

<400> 386

gggaaaataa	cccagttttg	atctttttta	gtctgggtgc	ttactggatg	tcaaggtaga	60
aagtgtccaa	caaggtgctt	taactatagg	ttgagttctc	aaaaagggtta	agagggtaga	120
gttatagtga	catcttcagc	atatatagta	gttgaggcca	gtggaaaatt	tcccattgag	180
agctctgaga	ggaaagtatt	ttagaagcca	agggaaaaag	gagtattgag	aaagcgtag	240
atatcacaga	aaaattagat	tggtgatttc	taagacaagg	atataaccgt	taggatgtca	300

<210> 387

<211> 300

<212> DNA

<213> Homo sapiens

<400> 387

caaaaataat	agaaaaaaa	acagaatttc	cacaaacccc	cacctaat	atctgcctcc	60
tgccatcagt	gccaatatac	tgtgcttttc	ttctgtggat	acattattta	ggccactatt	120
cagggccaac	ccctccacct	gcctactaga	ggccatcacc	acttgtttat	tcaagggcac	180

agctccaggt agttttcctt ctcttgggga tcatcagttt ccttctgtct accaggtcat 240  
tcccattagc atgtttttgc cgcttttctt aagagataat atctcaaccc taattcctcc 300

<210> 388  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 388  
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tcagtattag tgtcacttta gtacttcaga tcctgcaaatt atttttgcag atgaagtatg 120  
tatgtatggt actaagttaa acttagaaac agaacctcat tcagttttta taatgtattt 180  
ttgcaaaacta ctgtaaatac caaatcaatg ccaatgttaa acaaagagga aaacgttggt 240  
tggactttgt tctcttgac cggtatttca ggaacatctg cttgccatcc ccacagctct 300

<210> 389  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 389  
tttttatttt gaaatacttg gctgacttac aaaagacttc ccctcacact tgacatgatt 60  
gacaaaagct gtttgacgtg tttcctgcac gatgaacacc aggaacctgg gaagtgagaa 120  
gaacctggg atgaagtcac cctgctggaa tgacctggct ttcaggctga ctgccacccg 180  
ccccatggg aacctatctc cactgctatg gccagctatt tttttcgagc caggctctcg 240  
ctctgttgcc aggctggagt gcagtgggtg aatcactgca ctgatcctcc cacctcagcc 300

<210> 390  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 390  
atccctacct agaagagaat agatgggaag agaactgaaa gaaagaattc ctcaagcact 60  
gaagtcagga aaatccccgt aggcactgta ttagttgttc catattatccc agcactccac 120  
ttgtggatga aggagtgtga tagaaaggag atgagaaaat ggcaggagtg gaagcagcca 180  
agaagagatc gatgactgaa gatctccttc acctcagga ctgtctcaag gggttatttc 240  
acctctactc atgaggatgg ccagtttttc tgtcttttat cttagaccc atatataatc 300

<210> 391  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 391  
aatcagtcag atatgcctag atgaagaaac aaaatggcaa tctgagttaga agaaataagg 60  
agaaaggagg agaggtgtga aaaaaagtc tttttctgag aacaagcatt caaacagata 120  
aaacacaggt ttcataaaga aaagttaaat gtccactac tatgagtcaa aatggtgcat 180  
ttgcttttcc ctgggttttg atttattgcc ctctgtttgt accccacatt cgcctccttg 240  
gcacagactg tcatatgtca cacattcagc ctctacact tccacccac aatctcttta 300

<210> 392  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 392  
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 tgcccagag agaaccagc tctaggtact gtctgggcct gggaggcgag agcagtgcc 120  
 aggggacttc tgggcttaca ggacagcgtg tgtgacaaaa ttcagatcta cctgaacttg 180  
 cctctggaga tgataagggc caaaggagca gtcaggagg ggcggtgagc cagagtagtc 240  
 ccagggggag acagattcct ccctcctccc cgcctgcagc tctctttaat tttttgtaac 300

<210> 393

<211> 300

<212> DNA

<213> Homo sapiens

<400> 393  
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 tgcccagag agaaccagc tctaggtact gtctgggcct gggaggcgag agcagtgcc 120  
 aggggacttc tgggcttaca ggacagcgtg tgtgacaaaa ttcagatcta cctgaacttg 180  
 cctctggaga tgataagggc caaaggagca gtcaggagg ggcggtgagc cagagtagtc 240  
 ccagggggag acagattcct ccctcctccc cgcctgcagc tctctttaat tttttgtaac 300

<210> 394

<211> 284

<212> DNA

<213> Homo sapiens

<400> 394  
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 gaaatgtagg agagagagag actaaagggt aaactggggc caaatctgat gaagggcctt 120  
 tattggggat ttaggcatat ctaagagtag ataaccatgc ttagtcttgc ccattagaaa 180  
 cagtacaact tagctctgta actgagtagt tgtggttacc aggctgttcc aaaacagtga 240  
 gatgcacttt gataagctat gatgcctatt ttttcacata tagg 284

<210> 395

<211> 300

<212> DNA

<213> Homo sapiens

<400> 395  
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 ggaaaaactgg gtagaggga aggatgctcc agcctggtgg ctctgctctc caagagggaag 120  
 gaatagagct ttagaagtgt ggatggccag agttcagggc agcctggctc ccaagcctac 180  
 ctaaaacaac catccattc ctagaccgt ggattgagga ctgggcagag atgaatcac 240  
 cattccaggg aagccatagg cagacccag acttcgggga gcacctggcc ttgctccac 300

<210> 396

<211> 299

<212> DNA

<213> Homo sapiens

<400> 396  
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 ttgggccagg cgggcagca cgcaacatac taccacaaag ccagtgaacca gctgcaggtg 120  
 ggtgtggagt ttgaggccag cacaaggatg caggacacca gcgttctctt cgggtaccag 180  
 ctggacctgc ccaaggccaa cctcctcttc aaaggctctg tggatagcaa ctggatcgtg 240  
 ggtgccaccc tggagaagat gctccacccc ctgccctga cactggccct tggggcctt 299

<210> 397



<211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 397  
 ggtaaatacag tttggaattt gttttcatgt actcttaagt tactcaattt tagtgatcatg 60  
 gagttccaaa ctgttggttt acagtgatag ttattaatcg tattttaga aagccaaagc 120  
 ctttattaat acagatggtg gagattaaaa tgaaacctgt tactgattat ttagaagtta 180  
 ctccctttta tattttaatt taggaatcat ttctgtagtt gttaattata aattataatt 240  
 acttttgcac tttatttaca gaaaacctgg gagctttcct tccaagtgtt ttctttaatt 300

<210> 398  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 398  
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 tgattttgta tacctgtgta ataggatgtc ttgtatttct gggttcgtta ttgcctttt 120  
 cttacttaca gctatgggaa aattccaaaa atcaaatatt ttacaagatc agtgattact 180  
 cagtagaaga tacattttta aatcatgttt aatacctaag ccaatgaaat gagcattata 240  
 tagttagagt aagctttttt taatgggttag tatttaacta tagtatttga ctaacttta 300

<210> 399  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 399  
 ctccctaata ccatcccccac ctggttagaat tctattttatc tttccagtct tagttcaaat 60  
 accacttggt tctatgaaac tttcttaact ttccaacaca aattcacctc ttcattttctc 120  
 tattccctta gcagtttgct cataacttta ttatataatg attgcactcc aacttggatc 180  
 ttagctaatt acgtacctgc attccacact agactgcaaa cttgaggaag atgggtgctg 240  
 tggctgccct caaacggtat gtgcctccca taggacacaa gagttgggtta tgcaggtgtt 300

<210> 400  
 <211> 264  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (264)  
 <223> n = A,T,C or G

<400> 400  
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 agtcatatta ccattgggta tttattgttc cctttcaagt gagggacgag cataatcaaa 120  
 tctgcattgt acatgaccag gatttttttt taaaaaaca gtactgccct ggtggatcta 180  
 gtttattatt gagtgatatag cagaaaggta aatagtttgc catgttgggtg catnaaattg 240  
 nnnngnncnc ctactnattc tacc 264

<210> 401  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

&lt;400&gt; 401

gtaaaggaaa gcactaagcc attttctctg ccctctagaa gcttataatg tacagtccta	60
tcacaaaagca gaataaaaac atgaaaccta taaatgggaa tgccataaag tatttttatac	120
tctacagggtt cattcatgca gagggcattt attgggtgac tgcagtactg caaaagggtg	180
caaaggaaat ggaagatctg gtccctgtag gttgggagtt tacaatctaa ttagaaatac	240
aaggcatata tacgtgaaaa aactagaatc cccagctgta agcaaaagga tggagtaggt	300

&lt;210&gt; 402

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 402

ctcattcgaa aacacccaca acataacata aagattggac tctacagcct gggaaaggaa	60
ccactgctgg agcagctggc cctggaggtt cagacctggg tggattgag tcctcggcgc	120
ctggagttgg tacagctact gggcctggca gatgtgttca cagtggagga gaaggctggc	180
cgcattccatg cagtagacca tatggagatc tgccattcca acatgctgcg ttggaaccag	240
accaccccta cgattgctat ccttcccaca agccgaaaaa tccacagctc ccaccctgat	300

&lt;210&gt; 403

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 403

gtttagaaac tgattctaga catttaagtt cccagactaa tgtcacagaa gctaataaat	60
tgacagaggtt aattggaagc ctggtcttaa cactcccagg ttatcttaat gagttcatga	120
ggatggcata tggataatgc acttcaaagg gtgttgtaag tattaactaa gttaatacag	180
gtcaaatgca tatattagca ctcaatgcac ggccattgat caataaatgc tagtggttct	240
gatacagtgag aatctaacct ctgcttaaat acctttagtc atcagcagct tccactccct	300

&lt;210&gt; 404

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 404

aaaagtctcc caccttttct cctaaaactt ctctccttct tctccataaa aagaaaagga	60
aagggaacaaa agaaaaacat tcagttttct ttttctgaa aaaggtaagt cctttcctga	120
agtcatacaaa tgaaacatta tctggaaatt agtttctaag gttgtatatg aagaaatact	180
taaatataag ttcttgcagt atttattaga tagttgtaac tgtaaaactca cctccctagt	240
agataagagt ttcagggttaa atactggaac atatatagga agtcaaaaat actacttta	300

&lt;210&gt; 405

&lt;211&gt; 295

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(295)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 405

aaaaataaaa agtaaatctt aggcaagcta aagagtgaaa tgtatcatca cataggagga	60
agtggggggaa aaaagtgaaa tgtaagaaat gaaatgataa gaagaactta gtgggtattc	120

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gtttgatttt ggaggcactc taggaaaatt ctgccagatt gtactacatt taaaaaaaat      180
tttttttaac ttttgtgtgc ttcagtttgg ncatagacna atgaaaaggc acatcacana      240
ctaanangaa aatcagntcc tatatatgat aacgggttaa tatngttnta tatgg          295

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&lt;210&gt; 406

&lt;211&gt; 165

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(165)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 406

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atgcgcttat taggtatttt atctttcaaa aatatatgta cccaactgtg tttgtttgtt      60
tcctgactgt gaacactgaa gaggactaga tcaaaaatga ccaattgagt agcaattgaa      120
catttacagt gctgngtgca gtgaacttct gtagcaccca aattg          165

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&lt;210&gt; 407

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 407

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gctgagatca cataagtaca gaatcatgac cttaatgggt tgacagtttg gaagcaccct      60
ggcaacaagc catttcagtg gaatggtaga aatggaaacc acgctgggtt gagaagttag      120
tggatgtgaa aatatggggc ctctgaatgg aggtaaccct tgaaaaattc cactgtggag      180
aagaaaggag agagagaggg ctggaatttg gaatgaaagg agatattttg gattatttta      240
gtaagaaaac agaggtgtca tgacctcagt gtaaccctat tagctgcaaa aaattcttca      300

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&lt;210&gt; 408

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 408

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gggagcctgt cactgcttga gacagagggc aaggaccacg gccttgaact cagcatccac      60
aggacgcca tcttgaggga ttttgagctc gagggagtgt gccagctccc agaccagtgc      120
cctcccagga acagcatgcc taaggccgag gaagcctctt cctggggaca gtttgggttg      180
agtcccagga agagagtcct gttggccaag gaagaagctg accgtggagc caaaaggatc      240
tgtgacctga gagaagattc agaagttagt aagagtaaag aggggtctcc aagttggagt      300

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&lt;210&gt; 409

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 409

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cttgtttctc tgaggaagct gaattaatgg aaagtttctc ttaaaactta gaatatattg      60
tttggaatt tctgctgtgg gcctaattatt gcagaatcaa agttggagct acatcatgta      120
gcacttgctt caataagatt gccttagtga cacaatgcaa aaggttacag acttttcttc      180
aagttacat tccccacaag ggcctgtgat gaaagaagaa aagagaagca agaaaagaaa      240
taagctagat acttccccag cacttggaac ttcaaaattt gtacgatata gggagacact      300

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&lt;210&gt; 410

<211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)... (300)  
 <223> n = A,T,C or G

<400> 410  
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 cataaaagtg attattagtc ttcagtgtgc ctttttttct cctaacaaat gtaaactggg 180  
 agcattttcc caagtacata tttataatac ttacgggtgcc tatctagtat tctgtgaata 240  
 tatactgtta attnattcct tccattgnc ngacttacct tgnntccatg tattgccatt 300

<210> 411  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 411  
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 aatgaagaca gtaaccctca aacagatgtg tgtgtggcat gtacattaac tgctatcctt 180  
 tcagcacttt gttttgttga aatggccatt tccattatgt tcaggaaaac tcattttggg 240  
 aagaataagc aataaatttg taattaatga aatctgggtc agtttttcag tttgtccagg 300

<210> 412  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 412  
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 cccaggggaag cagttagggt tgaaggaagg tatgggcagg agcttgacag atgctggcaa 180  
 cacatattat tagatgtttc tgtgccattt ttatagtcaa agtgtgttca tgggaaaact 240  
 aaagaatttg ggacagttga caaaattaag tcgtatttta gtaaaattaat taaaaagttt 300

<210> 413  
 <211> 290  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)... (290)  
 <223> n = A,T,C or G

<400> 413  
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 cataaaagtg attattagtc ttcagtgtgc ctttttttct cctaacaaat gtaaactggg 180  
 agcatttttc caagtacata tttataatac ttacggggcc tatctagtat tctgcgaaca 240  
 tatactgtna nntnatncnt nnggattgac agacttacct ngngtccatg 290

<210> 414  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 414  
 gtacagcttc atcactgggc cagctgtaat accagggtac ttctccgttg atgtgaataa 60  
 tgtgggtactc attttaaatg gaagagaaaa agcaaagatc ttttatgcca ccagtggtt 120  
 actttatgca caaaatttag tgcaaattca aaaactccag catcttgctg ttgttttgct 180  
 cggaaatgaa cattgtgata atgagtggat aaaccattc ctcaaaagaa atggaggctt 240  
 cgtggagctg cttttcataa tatatgacag cccctggatt aatgacgtgg atgtttttca 300

<210> 415  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 415  
 gttctattca tgtttcatgg atgtagtatc ttcttttgct tttattaaga tactaatggc 60  
 gtttttaaca gtttttgctc cttttcatag ttcttgactt ctcaatgttg cattatttta 120  
 aaaaaaatgt ttaaaaaggt tttggcctcc atctttccta gatgctctcc tgaaatgtct 180  
 gacccttgat tattgctcat gtttaagggt agggaaactaa aattatgaaa cttctaagtg 240  
 tggggattgg gttttaccag ctatgagcgt cagtgtatag caatctggct gtactgttgt 300

<210> 416  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 416  
 ggaaagggcc gtatttgagg tcgtagggat tcacagtaca gctgcagaac aggactcctc 60  
 ccctgggtccg gggctgcgac tgtgtcacat ggacaggctc actgggtatg tgctccacca 120  
 agttatatgc acaaacgttt tgacactaca gtccgcctc tggaaataac cttccctatg 180  
 ctgcacaaag attcaaagat gggcatttac catagcacca tctaatagca aaaacaacaa 240  
 aaaacacccc aaaccctaat cctgaatatt cgtgaagaga ggaatggtgt taggaagtat 300

<210> 417  
 <211> 297  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(297)  
 <223> n = A,T,C or G

<400> 417  
 agatcttagag ctttggtatc ttccgggtata tgtcaatgga ggtattattc tatagggnet 60  
 ttncattnaa atgacttggn tncntnctnc ttncncnaaa ctgcgncggt nccanegntn 120  
 ctncnntcc cccgctcnc tgcctgcnn ccnaccatan cctctnnac cnnncacntg 180  
 nccnaccnc gncecantcg cncncangc cccctccac cntccccacc cncctctct 240  
 ncctccccc annnanntcn cncatcntnn antcnncan cnetccacc tctgctc 297

<210> 418  
 <211> 300  
 <212> DNA

<213> Homo sapiens

<400> 418

aaggcacaga	ggtagggcacc	aacctgggtga	ttctctgcac	cggcatacaag	atcaacagct	60
ccgcctaccg	caaagcggtt	gagagcagac	tagccagcag	tggtgctctg	agagtgaacg	120
agcacctcca	ggtagggggc	cacagcaacg	tctacgccat	tggtgactgt	gccgacgtga	180
ggacgcccga	gatggcctat	cttgccggcc	tccacgcca	catcgccgtg	gccaacatcg	240
tcaactctgt	gaagcagcgg	cctctccagg	cctacaagcc	gggtgcactg	acgttctctc	300

<210> 419

<211> 300

<212> DNA

<213> Homo sapiens

<400> 419

ttttacgatt	ctaaaatcct	aacagatttt	aacagttgct	taaatattat	ttcttggcat	60
atatagcttt	ttaaggtctg	gggtcaaaga	tagatgtact	catttgagac	ttagtgattt	120
gttttataag	tatgttgaat	aagttgagcc	agtttgaatt	gtgtccttct	cttttaaaga	180
aaagatttcc	caaattttaa	cctggattta	gatgtttttt	gggttaacce	tactgaactt	240
tccaaaattt	tcaggcttct	gggcctaact	caaactgtaa	tttcatgagg	ccggccaagt	300

<210> 420

<211> 300

<212> DNA

<213> Homo sapiens

<400> 420

attacacttg	aataatttaa	aacaaaactt	ttaaacttcc	tataggttta	tgatgtttgt	60
tttcatttat	atggacataa	tccttcatag	ctcagtttat	atgccattgt	tgtattagaa	120
gggatcaaaa	tcctatggaa	caaagtagtc	ttggcaagtt	ggcagtttgt	gtcctctcag	180
ctgtttaact	tatgtaatgg	atgttttgca	cctgaaaaca	ctataaaaat	ccagtgggtg	240
tttaaaaagt	ccatttgtca	ctaattccat	tcaggttctc	caaccttctt	cttgaatatc	300

<210> 421

<211> 300

<212> DNA

<213> Homo sapiens

<400> 421

agatagtctc	tgaatttaga	actgggacga	aagtgtacat	aataggctat	tataaaattt	60
ttagaattgg	atttctaaac	ttggggtcag	tgaatctagc	aggcttaagc	agtgttctca	120
gggttttctg	gcacagacaa	ggaatataag	aggaggagag	aaaaggagag	acagttagtg	180
gagggaaatg	aatgagagaa	gatagaaaat	atggaattaa	tagagaaagg	atacatgaag	240
tattacaaga	ttttcttgga	aaaattggca	tttcagtgat	ggatcaaaga	tgtctaatag	300

<210> 422

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (300)

<223> n = A,T,C or G

<400> 422

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gccagtagc ctccacaccc ttgaccggtac caagggaaga acacctacct ggagaagatt      60
gacggcttcc gagectatta caagcagtggt ctgacagtga tgcccgcaga ggaaaccccg      120
caccctctggc agaagttccg gaccaagccc cagggggacc aggacaccgg caaggaggct      180
gatgacggat gtgcccttgg gggcaagggtg atgggagcac agcttggaac aatgtgctcg      240
gccccagtagc tttgtggaan cccnaggnc nttacnttgg ggtnacctct ggcctggggg      300

```

<210> 423

<211> 300

<212> DNA

<213> Homo sapiens

<400> 423

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gctaattcag catcttcagt agcttctaaa aaataagcat catcaatgcc attatcccag      60
acagcatcag cagatgcacc tggtgacagc ctgctagggtg atgggtttatg aggattctgg      120
gtttcattgc tcctagtctc atctgcttca tctgttgtaa actcttcttc ctttatttca      180
gtggtgaagg gatagagagt gggataggaa aatatttact caggatatgt gatttaacct      240
tatactctat gttgaagtaa ggtattaagt gacagatact aaagtgaata tgcaggagga      300

```

<210> 424

<211> 300

<212> DNA

<213> Homo sapiens

<400> 424

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cttttccctc ccaaagttct gggattacag atgtgagcca ctgtgcctgg ccttattcag      60
atcttgaaaa ttctttttgc cgtataaggc aacatattca caggttccag gattaggcca      120
tggaacaattt tggggaggta attattctgc ccactacacc ttgggaggca ttcatttgct      180
cacctttact ttcttttctc tccctgtctg tactgatacc atggatagtc tatcttctct      240
tcacttccct ctccaggaat ttcatttatt ctcatacatt tgatatttaa tgaggatgac      300

```

<210> 425

<211> 259

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(259)

<223> n = A,T,C or G

<400> 425

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ggggagccag agaagagctg tgagcagga agggataggg tcaactctag tgacatcaca      60
ctgatggaca ggagataaga ggccaggag gaggctgggc ggagagtcca gagcggaag      120
tgagtggcca gctctcactt ccttatgtct ctctctgctt cttacggccg ctgtccctga      180
atgtttcttc cctgtctggg tctgggctgt gggcttctct cagagggctg gggggttttc      240
accccttttt tntnccnta

```

<210> 426

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(300)

<223> n = A,T,C or G

&lt;400&gt; 426

gacagaattc acattgggat ccagtctttt cctcttatga atgggtctac cgccagggtga	60
cgctcaattg cacgaagctt acccttattc atatgaggan ncnaccnaan ncacattngc	120
attnatgtnc ctntnngatn aagagcgcnt gcnnancctt ccctntntgc ccngcagacc	180
cncactnntn cccacttcca tgcccnntnt nccatnangc tnacntttnc gctnctctg	240
acggtcnctt ttgccctctg tcccnanaca nncagcnggn tncaccanca ggaagctttt	300

&lt;210&gt; 427

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 427

tgtttttgtt tgggagggtat ttctgaactt aaaaaggaaa attgcaaacc attatagggga	60
ctagtttgcc tttggaggaa aaggaaaatt gcaaaccctt ataaagacca atttgccttt	120
ggaggagaaa gccaatattat catccaaaat cctcagaatt ctcaaataca aaaagtctctg	180
aaaactgaaa gtttcttctt aagtttggtg gcaaaagtta tttatagtct tgacttatcc	240
catttgatgt gaatctgctt acatttcatt gcacaaaatg tttctgtgat tgtgaaatac	300

&lt;210&gt; 428

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 428

gcacacacac gcacacattc cgaagttgac agactaacat acacacagac atgatgacaa	60
ccaaaagctg ggactccaca cactgaatgc aggacttttag gcggggggca gagagagaag	120
gtgctggggc acaagaggca agggatatgaa gtccctccaa ataggagtgg agtgccaact	180
gccctgcctc gtcctcaaca cctgactcct gggccatggc aagagtccag tccattaagt	240
gcagcgtgca atactagcgc ttggagtctc ctgtcctcat caatgaagcg gtgtggacgg	300

&lt;210&gt; 429

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 429

agatcactca aaatttgcatt gtgaagaata taagcagagc atcggtagca ctagttcagc	60
ttctgttaat cattttgatg atttatatca acctattggg agttcaggta ttgcttcac	120
tcttcagagt cttccaccag gaataaagggt ggacagtcta actctcttga aatgcggaga	180
gaacacatct ccagttcttg atgcagtgtc aaagagttaa aaaagttcag agtttttaa	240
gcatgcaggg aaagaaacaa tagtagaagt aggtagtgc cttcctgatt caggaaagg	300

&lt;210&gt; 430

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 430

ccacgatgag gaggaggatg agtatgaagc agaggatgat gaagaggaag aagatgaagg	60
cagaaaggat tcagatactg agtcacaga tttgtttact aatttgaatt taggaaggac	120
ctatgctagt ggctatgctc actatgagga acaagagaac taggggagct gctctggtgg	180
ccgtgtgtga gaggagcagg agtgagtgtg tgtgcttgat gaattgtgtg tggttgttca	240
aaagtacctt agccacttag cttgtgcag aagactagtt acacttaatg ggccaagcaa	300

&lt;210&gt; 431



<211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 431  
 cttgaagcca cctttttttc cctccaatca gaccactgct gtaaaccaca ctgacactat 60  
 tgtagtatgc ttttttccta taccataaac acagtgggag attaaaaata atttttagg 120  
 gtaggaagag aagtggatag agagccagga gatctagggt tgggtgctgc tggctctgca 180  
 gttaagcagg catatgtctt tgggcaagtc atttcacttg tttagattaa ttttctcact 240  
 tatgaagtga gggatttga ctgcttagcg aggtactttt catctctaaa atttatgaat 300

<210> 432  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 432  
 gatagcaaaa cctgattttt caaccatgac ctgcatgaga gaagcatcct aggaagtctt 60  
 agatcactact tttgagtttt taattttaat ttatatagtg tttttttatg tcttaatat 120  
 tttgtgaact ggtgtaaatt gttaatgcat ataagcttgt gtatttttgt aaatagtttt 180  
 gtgatttatt tcttgcacca tatgtaaata tttagagtct catttcttgc aaacttattt 240  
 gaagctgagt tgtgggtttg gggtttgttt gtttcttttg ttgcaggggt ggggtggggg 300

<210> 433  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 433  
 gcactttcca tcaccaggcg cgggagtttg ctgtgaactt gcggaaccgg gtgtctgcc 60  
 tccatgaagt gccccgccc agatccttca ccttctcaa tgatgcctgc cagggactgg 120  
 agcaggctcg gaaggtgctg gcctacgcct gcgtgtacag cttctacagc caggacgcag 180  
 agtacatgga tgtgtgggag cagcagacag agaacctgga gctgcacacc aatgccctgc 240  
 agatcctcct ggaggaaaacc ctgctgcggt gcagagacct ggctcctcc ctgcgcctcc 300

<210> 434  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 434  
 cattcatata atgacccat gaggcagaag gaaattaatc agatgttaag tcatgtgtcc 60  
 aagggcattc agcttagaaa tggaaactgg atttgaacct agagtaacca taaaatcctt 120  
 ccttttctac accaccatgg tacctcctag atgaagctga attttgcctc taagctacta 180  
 gtcctcaciaa tttagtttac aagtcactct gggcataaaa accagacacc tagaccttat 240  
 gtagagattg ctacagcaca ggaacagggt tcttagcaag catgacgtac aactaagatg 300

<210> 435  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 435  
 tgtttttgtt tgggaggtat ttctgaactt aaaaaggaaa attgcaaacc attataggg 60  
 ctagtttggc tttggaggaa aaggaaaatt gcaaacctt ataaagacca atttgccttt 120  
 ggaggagaaa gccaatatt catccaaat cctcagaatt ctcaaatata aaaagtctgt 180

aaaactgaaa gtttcttctt aagtttggtg gcagaagtta tttatagtct tgacttatcc 240  
catttgatgt gaatctgctt acatttcatt gcacaaaatg tttctgtgat tgtgaaatac 300

<210> 436

<211> 300

<212> DNA

<213> Homo sapiens

<400> 436

gtgtccactc tgtaggcagt ttgctaacag tgttcttcca tgttatectg gaagcaatgt 60  
ggaaaataac ccttggcaac gtcctagcaa caaaagcata caagatctca taaaggaagt 120  
ggaggagctg cagggacgac cgggagcttt cccagtaagc atcagttcag aaacaaatct 180  
aagtaaagaa atggaatctg taatgaaaga tataaaaaat accactcaga agaaatatag 240  
agactatagc aagaccccg gctcaccaga caatgatttt ctctttatgt actctgttgc 300

<210> 437

<211> 277

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(277)

<223> n = A,T,C or G

<400> 437

aaaatatattg ttaatcaaat gaacatgatt gctaaaagg ccaaagaaga ttacaatata 60  
aaaagtataa taaaagaaaa ttataaatc taaaagcatt caaggaagct gtctttgaat 120  
ttgaaatgca ttgtctatag aatatccact cagtgggaata taatatatac cttgtgatat 180  
gtggatatag atctcactaa tttctaataga tgctttanaa tttngntact nccgatggtn 240  
tggnatgngt cttngnaacn nntnnntnat tgggtgtt 277

<210> 438

<211> 300

<212> DNA

<213> Homo sapiens

<400> 438

gaagaactgt atgtcaaata attcaaaagg ggcaaaactg aatgtagtta tgtgggaaag 60  
ccttcagaaa taattttaaatt ggcactgttt atcagagtat gtatgccgag gaaaactaag 120  
aathtagtga gcttataaaa ccatggtagc caggcgtggt acgtagctca cacctgtaat 180  
cctcccaaag tgcctgggatt ataggcgaga gccaccaagc tcagtgaagta tgacattttt 240  
aaaagaacag tataaagcat aaaatatccc atgtggggca aactcccaga ttattttcct 300

<210> 439

<211> 300

<212> DNA

<213> Homo sapiens

<400> 439

ttttttttga attattgaga atatttcttt ggaccacaca ctataaaatg tgaaaaaaa 60  
taaaaagtat gccaaaagg ccacgtgttt ctacaacaca cgaaagtaaa gaataatact 120  
gcatgtctaa tatgcaaata aaatgtctct gccaaaatat cacaacttaa aatgccatta 180  
tgaaacaaac cacagaaaga ccttatttgt gttacatacc aggaacatac caaaatttga 240  
atgtctgatc cacacagtga ttcacataag atgataaaga acaaatgga tattttgtga 300

<210> 440  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 440  
 aaaatattta acttataata atcaaggact caaaagatga aaaatagaaa ttacaccatc 60  
 ccagtatttc aggtataaca cagaattagt aagatactgg caaaaatatt acaatgtata 120  
 tatttgtata gagaaggaaa atgaagagac tgcattgtcta tacctaccaa acgaaactac 180  
 ctgtgttctt tgcattcatta ttcaactggc agttacacat atttcacccct aaagtcacgt 240  
 aaacctgtgt ggatatgttg aatcaatagg gatatgaatt acataaaaag aattttgtgt 300

<210> 441  
 <211> 256  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(256)  
 <223> n = A,T,C or G

<400> 441  
 tgactgcaat cctaattctc acatgttttg gggaaaaaat ttttaattttg aaaaaattta 60  
 ggaaagttcc taccaaatat acatgtataa agtttattaa aagtcataat gacccaggaa 120  
 tagctaataa cacagaagta gatcaaaaata gaacacanta gagaacttna nantaaaaca 180  
 ggcgtnnnaa ttntgtncn nnctnnttgc nnnngncnntn tcaccnctng cccngcncnn 240  
 cncnctgnc nntcnc 256

<210> 442  
 <211> 187  
 <212> DNA  
 <213> Homo sapiens

<400> 442  
 gagctctctc tggaaaagctc gcactggaat ggagaacaca agcaggaaat gtgaaaagta 60  
 acggttgaaa gccttactta tgatgacaca tagggaggca ggtgcatatc ttacaattct 120  
 agacacttgg ataccttggg aaaccatatt gaaagttacc ttgatttctt tctttctttt 180  
 tttttttt 187

<210> 443  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 443  
 gttggcacct tcagttcagc acagcctgag cagtggagaag gtctgaaagg agagtatata 60  
 gtttaagatcc ttgagaaagg gctgcctgag gaactgacct cttaaagatc tcaggatctt 120  
 taagacaaca agttagggtc ctactggagt tacctgccag aatggcctct taattaactc 180  
 aggtaatgaa gagctaactg tgttataatc atcttgcttt tgcctgaatt tggagaaagt 240  
 attataatta agttcccagt atcagaaatg tccttacata agattaaaat atcttgatga 300

<210> 444  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 444  
 tctggataga aatgcagagg aggctgctct acagctggac agtagtgagc tctgggccgc 60  
 catgagactg cctgctccat gttgtatgtg gggcagatgt gggagaagga tggagggaag 120  
 aatggcttcc aaactgtcga ttgatcagat aaacaaggga ggatgccagg ggataatgcc 180  
 aagaagaggt gggtaaagaa aggaaaggaa tccacaaaag ggaggagggg agtgacaggtg 240  
 tgcattgtgt ctgaaaagtg ctcattgcaca tacagtttgc ttattattta aaaacttact 300

<210> 445  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 445  
 gctagcttgt attgttgtgg cttccttcgt tctctgctgg ctgccattct ttacagaaag 60  
 ggaacaaacc ctgcaggttc taagaagact cttcccgggt gatcgtggat tatttgagga 120  
 taaagtagcc aatatttggg gcagcttcaa tgtctttctg aagattaagg atattttgcc 180  
 acgtcacatc caattaataa tgagcttttg ttttacgttt ttgagcctgc ttctgcatg 240  
 cataaaatta atacttcagc cttcttccaa aggattcaaa ttactactgg tttagctgtgc 300

<210> 446  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 446  
 gtcaccttta aggaagaaag taaatttgaa ttgtcaggaa gcaaagttat ggagcagcaa 60  
 tctaattctac agccagaggc caaagagaag gaatgtggag actctctgga gaaagacagg 120  
 gaaagatgga gaaaacatct gaagggcccc ttaaccagga aatgtgttgg agcttcacag 180  
 gaatgtaaga aagaggcaga cgagcagtta attaaagaaa caaagacatg tcaggaaaat 240  
 tcagatgtgt ttcagcaaga acaaggcatc tctgacttac ttggaaaaag tgggaattact 300

<210> 447  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 447  
 ttttagtcca gtggcttgta attaatgcat ttttagtctt taattatggt ggttgctttt 60  
 agaattctct tttagagttg gtctacatcc ttttaaaaca tgggcaatcc aaatttataa 120  
 cagtaaatta agatacataa aaaaaaacac tggctaaatt taaaaggaaa cacttctaga 180  
 atatactgta ttttgacaca agaccagact gtgctatgtg tatgtggtgt ttcaagtaat 240  
 ttaagaaaac tgttggaatt ttctgtatct ccagtttcac aagaaacaac ctcaaggagg 300

<210> 448  
 <211> 285  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(285)  
 <223> n = A,T,C or G

<400> 448  
 gccaggcaac aggactaaac tacctccaaa gcaagcagtc ttttcagttt tgactgagtg 60  
 atgtgaggaa cttcttttct tttnttttnn ttenttttnn tnnnnngnttt ttttgaanct 120

gnttnngttt nnttntana nggtncatgt ttagctgnnt tttttttttt tttttaatnt 180  
 ggnaanttat ttngntnntt tgnagngan ttttntttnn nnttttatan gttntnaggn 240  
 ngnancccn tttntcnnt tttttttnna aaatngngt ttttt 285

<210> 449

<211> 300

<212> DNA

<213> Homo sapiens

<400> 449

gaaaaaacca atttaataga aaagataggt tttgcttcag gaagctgggt gagaagaaga 60  
 aggaaaaagt cgattctact gactgacgtt tccccctgct gttaagaatc ccaaccacac 120  
 actttcacac actattccag gttctggcta ctgaatgatc ccacagctga ggtctattgt 180  
 catcgctcca cttctatttt tagcagcact aaaaacattc ccaaaaaaaaaa tgttttttag 240  
 ctttttaact gtagattcac cactaagaaa ttggcattgg aacagtccac agagcttatt 300

<210> 450

<211> 300

<212> DNA

<213> Homo sapiens

<400> 450

cagctgccct ggaggtgttt accatgtccc ccattttcca gaaggcgaag ctgggacatg 60  
 gattaggtca gctgtccaag gtcatggagc aggatccaaa ggaggcctgg agagtgccat 120  
 ctgtctggcc cttcttttgt gctgcctcta gaggatactg gggaaagcctc ctcttgtctg 180  
 actctgccag gatacccttg gccatcaagt gctcagctaa gccacagtgc cactctgggt 240  
 caggccgacc tgggccagc tgtgcaggat gaggtacagg aggcagctgc cacagctgct 300

<210> 451

<211> 300

<212> DNA

<213> Homo sapiens

<400> 451

ggtaattaat aagcagacaa atcagaaaca atatagaaga tctgaaaaat agagttgacc 60  
 agctctaatt ggtccctgta tccaatagtt agagatgggc attgttttta ggcacatgtg 120  
 aaataatggc ccccccttc tggcccagca gaaattatat acttggaac aagtctcatc 180  
 acatttttaa taaactgtca aaaagataac atttctatgt ttccgcaatt taatttttaa 240  
 atgaaattaa atttttttga aggtaaaata cattttggaa atctaaactg ttttaactctt 300

<210> 452

<211> 300

<212> DNA

<213> Homo sapiens

<400> 452

ccattgttag catcgtacac gattgtgatt tttatgtcaa aagaagccaa aacttgcaat 60  
 actattttta gcagacaaaa aaaagaacta agtataaaat gtataaatat ttttgacttg 120  
 aacatttgga tggcactggg tgcaagtaga gcatccatcc ttccgatgga atgtttggaa 180  
 aaaagagact tttaaaaagg agacggttgt tttaaagagt ctgtttaggg gttaaagtac 240  
 tgtaactcac gactgttaaa aaataaattt tcctgtgctg taaaggaagg tttcacagta 300

<210> 453

<211> 286

<212> DNA

<213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(286)  
 <223> n = A,T,C or G

<400> 453

atcgtatttta	ttacttgttg	tataggggta	gaaaagagga	ctgtcaatac	aacaagtaat	60
aaatacgata	tatatttcat	atatagaaca	ttagaagggt	aaagctctac	agaaaaaaaa	120
aaanggnngg	caaggccggc	cncaggggct	nacncctgna	atcccagcnn	tttggntagc	180
tgaggcaggg	aaatnacctg	nggncaggag	ttcaanacca	gcctggccaa	canggggaaa	240
ccntgtntnt	actaaaactn	caaaaattac	ctggncatgg	gggagg		286

<210> 454  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 454

cagatttcca	aattgttaac	actttgctgc	atctgatgtt	ttccacctct	attgtatgtg	60
ttttttttct	ctaagccaat	aggagtaagc	tacaggatat	gacacccctt	gacctcttaa	120
tatttcagtg	tatttcctag	aagcgaatgc	attatcctat	atagtcacag	tgctgtaac	180
cacaccagga	agttagtatt	gccaccaggc	ctcacactgt	gtgcagtgat	gtttcacagg	240
ctcaccact	gtatatagtg	atatttctag	tccctttcag	tcaggaacgg	tcccttgct	300

<210> 455  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 455

attgcctccc	agcttgggag	catccaaagt	agaaccatga	ctgggtcatg	aaatgggtta	60
atttggttcc	tttcattaca	gggcaaagtt	ctccctgtgg	actgagaaat	aaacatatta	120
taaaagttac	atatgtcat	agaatagaaa	tcaaagagta	aaaagtattg	agtgtaaaaa	180
acaagtgtct	tttttcccc	cagtctaact	ccccagaagt	aacctttttt	attttttatg	240
ttattttttc	ttaccttcaa	ggaaggagaa	aagtaacat	ttttgagttg	atgcgtatcc	300

<210> 456  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 456

gagggaggat	cccctgggtt	gtgcatatgg	cggaaggagg	tattccagga	gtggaggatg	60
tcagcagggt	gggaatggga	tcagtggagg	gaggaggagc	agaggagtca	gaaggatcta	120
agggtagggc	tgaagggtgg	aaaacaacct	gtagggtgtg	ttaggacacg	gaaagggcct	180
tgactttgct	gccaacgaag	atgtgaagc	tccaggcaag	ggtaacaatc	taacttacat	240
tttatgaggg	tcctgtggca	gctgtggtga	gaacagactt	taggggtgct	gaggtggatc	300

<210> 457  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 457

gcccgttctc	cctttcttgg	ttaaaccgat	gaagaaataa	aaatgccatt	ttcatttcta	60
aacttgtatt	tttgtattta	tatttaggag	tataaaatgt	acttatattt	aggactacaa	120

aaatgtacct	gggaaggtga	cgggacctct	atactcaggt	taagtctcga	ctgcacactg	180
acaggagtat	gtagaccatt	ccatttccct	gaagactcag	ccttgtagt	atcaggactg	240
gtcggcagat	gtgcaggaaa	aggtggcaag	aaagtgcaag	ttctagaagc	cgatgatatt	300

&lt;210&gt; 458

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 458

actggcccaa	ttaatatcca	tgccctgggag	tattagatag	gtgctccaaa	aacaatatag	60
atcctatttc	caaatgagga	ggagtggatg	cagagttaga	aggtgaaaaa	aaaaaatgtt	120
ctttatagtg	ctccagtttc	ctttcttaga	aaagtctaac	tactgattga	ttgattgatt	180
tacttattta	gggttggagg	tgacagatttc	attgacaatc	agaaagggca	agtttgattt	240
gtcttttcat	cctaaaagta	gcaacaagtg	tttgcaaaag	gctggctctt	tgttcagtgc	300

&lt;210&gt; 459

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 459

gagatgtgtc	atcctgggtga	atgtcccttt	aactgcaacc	agaaggtaaa	acttaaagt	60
ccttgtaaaa	gaataaaaaa	ggaattgcag	tgcaacaaag	tacgtgaaaa	tcaggtttca	120
atagaatgtg	acacaacgtg	caaggaaatg	aagcggaaag	catctgagat	aaaagaagca	180
gaagccaaag	ctgctcttga	agaagaaaaa	cgaagacaac	aggctgaact	agaagctttt	240
gaaaacagac	tgaagggctg	tcggaagaag	aacaggaaaa	gagatgaagt	ggcagttgag	300

&lt;210&gt; 460

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 460

ttttatataa	gcagtactct	ttctcagttt	ctcttgaaca	ttcaactcat	tagtgagtgg	60
ttttccccag	tcattttccat	ttttctttat	ttggctctga	tagttttctg	tttttgtttt	120
tcagagataa	tcctttacta	tactaaattc	tacgtgatta	tattttccac	ctctatttgc	180
ctatatttat	ctgctgtctt	ttccttttcc	atatatgggc	ttattttttt	tttccctctt	240
cttccttttc	taccttttgg	atttaaaaaa	ttacttagga	ctgagtgcac	tggcttacgt	300

&lt;210&gt; 461

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 461

gagatgtgtc	atcctgggtga	atgtcccttt	aactgcaacc	agaaggtaaa	acttagatgt	60
ccttgtaaaa	gaataaaaaa	ggaattgcag	tgcaacaaag	tacgtgaaaa	tcaggtttca	120
atatgaatgt	gacacaacgt	gcaaggaaat	gaagcggaaa	gcactctgaga	taaaagaagc	180
agaagccaaa	gctgctcttg	aagaagaaaa	acgaagacaa	caggctgaac	tagaagcttt	240
tgaaaacaga	ctgaagggtc	gtcgggaagaa	gaacaggaaa	agagatgaag	tggcagttga	300

&lt;210&gt; 462

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 462  
 ccgtggcccg tgggggatac agaggcagag gaggtcttgg tttccgtggt ggcaaagggc 60  
 gtggtggcgg cagaggtggg accttcactg ccctcagagg atttcgcggg ggattcagag 120  
 gaggtcgtgg gggccgggag tttgcggatt ttgaatatag gaaaaccaca gcttttggac 180  
 cctaaaaggt ctggattgat cgtactgctt tctgaaagaa agacgtcaaa gctgctgcat 240  
 agtctacaaa cnngtctctg aaaatangtg aatttctagc tcttcattgg cctgaacatt 300

<210> 463  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 463  
 attggagtga catttctcac gtgtgaattt ttcacataac taaaaaacia acctaaaaaa 60  
 aagttagagt taaaaaaata gtaatacctt ccttttaggc cagttgcggg ggcttacgcc 120  
 tgcaatccca gcactttggg aggccggcac nggtggataa tttgatgtca ggaggcttac 180  
 cagcctnngc agctggngaa nccctatcan acctgannan nnnngnnantn tntgctcatg 240  
 nggtcttcaa nttntttttn tcttntgctt ngntaccant ngncactgct ccatgttaaa 300

<210> 464  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 464  
 tgtacttaac tgttgtgtga tgtgtgcttt tgtaggcat cactgtgccc aagtatttca 60  
 tgttcattgt aaagaggaaa aatacagatt tctctataat gtcaccactt atttctaatt 120  
 gccacttttc atcttgttga aatgccatgt tttgattcag tcttctgaat ttgaacatta 180  
 ttcaggttat ttccaattgc tgggaatatc cttactgcta aaataaatc ttagcattgg 240  
 aattgctagg tcaaagatta tgcattgctt ttaagggcct ttgaaatgta ttgccagctc 300

<210> 465  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 465  
 aatatcccca aataacatgt cttacatgtt tggtaagact tactgtaccc tgtcctagaa 60  
 gatagaagat gccctgccct tagaagacaa agagactgta gagctatgcc ttctaaatct 120  
 taagccactc ttcagataat ggatcccttc atggtcagcc caaacatctc aagaactttt 180  
 aatttgtagc gtttgtcttt ttttccattt atttaatacc acaaattcac tttattatta 240  
 tgaagccaat atctacatct tctcaciaag atttctctta gaaatgcaga actggccggg 300

<210> 466  
 <211> 300  
 <212> DNA



<213> Homo sapiens

<400> 466

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aggacatgaa aaggagtgaa agttaagaaa ccttagctgt agtgtttggga attaacactt      60
gggaagtcac gattgacaaa tagagaaata taaatttgtt ttatatcagt tatatatata      120
tatttataac tgatataaaa caaattagat tttgacatta gaaacacata tacacatact      180
gtaatatgta ctttcttcat tctctttaac ctatatcttg gttttaagtt tcctggagcc      240
cgtggagtaa tgggacagga aggctcagag ggtctcttta ctgatagtta agatacaaaa      300
```

<210> 467

<211> 279

<212> DNA

<213> Homo sapiens

<400> 467

```
cggggttgag cctggcgtag tcatggccgc cttccgcgac atagaggagg tgagccaggg      60
gctgctcagc ctgctgggag ccaaccgcgc ggaggcgag cagcgacggc tgctggggcg      120
ccacgagcag gtggtggagc ggctgctgga aacgcaagac ggtgccgaga agcagctgag      180
agagatcctc accatggaga aggaagtggc ccagagcctt ctcaatgcga aggagcaggt      240
gcaccaggga ggcgtggagc tgcagcagct ggaagctgg      279
```

<210> 468

<211> 300

<212> DNA

<213> Homo sapiens

<400> 468

```
aaacaagcga cactctagtg gtgatgggaa tagtaaatta aaaagtgagt agatggattt      60
ggacaacata aagcaacaaa atttgagatg gttgaatgag ggccggaggc catgatgaaa      120
agggcacttt ggaaagggtt ggggtggaag ggaaatatat ccgggtgggt gtgagctgtt      180
gggcttccag gtcagctctt ggccatgcag ccatgcctgc aggatgatca gaagtcacgg      240
cacctcatgg gaaggttaag actggagcaa agcttttcca aggtgagcat attcagcgtt      300
```

<210> 469

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 469

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cttgatatca atggcctgcc atatggtctg tgtgccggct gcgtgaatct cagtaagagc      60
gccagcccag gcattaacgt cctcccgcgc acgaatagac caggcttggg ccagaatgag      120
aatctgagtg ccattgaggg gaaaggcaag gtggggggac tgaagacacg ctgctctagc      180
tgcaacgtta agtttgagtc tgaaagtga ctcagaacc acattcaaac catccacgan      240
agctnngtgc atacngcaac ngcannngt tnaaaanccc caagtatncc antgccccaa      300
```

<210> 470

<211> 292

<212> DNA

<213> Homo sapiens

<400> 470

```

gtgaaatgat ttgctgcact gcaagggagg tgagtgaagac caaggaacta caccacacaa      60
gatcccttcc aagggtctaa gttgcttctc taatcagaaa cctctcaaac ctttgcgact      120
gtgcacatag gtcccatgat ggctttggca acatttacct gggaccaggg tgaacttcgt      180
accatgtatt gcatatgaga aaagaaaaga atgtttgtca aacaaaccac tatgttttat      240
tttattttat tttagtgttg ctggtagggtg tgtagtgaagt tctcagtggtg tg          292

```

&lt;210&gt; 471

&lt;211&gt; 256

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(256)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 471

```

gctctttact tgggtgaacac atattgtaag aatgtgaact gatgattgga aacattactt      60
ttgacaagtt cccatacttg aaatactaca aaaacatcac ctaacaagca gaacaaccat      120
gaatgggtag acattgatta aacatttaaa aagaaacaaa aaaggagat ggcaaaaaaa      180
aaaattgttt acatctgttt taattgattg ggtgattcat taatcattnn ttgcttataa      240
nnnntacntn ntccta                                256

```

&lt;210&gt; 472

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 472

```

cacaggccct tttgtgatgc gttccacgtg taggagatgt ggtggccgcg gctccatcat      60
catatcgccc tgtgtggtct gcaggggagc aggacaagcc aagcagaaaa agcgagtgat      120
gatccctgtg cctgcaggag tcgaggatgg ccagaccgtg aggatgcctg tgggaaaaag      180
ggaaattttc attacgttca ggggtgcagaa aagccctgtg ttccggaggg acggcgcaga      240
catccactcc gacctcttta tttctatagc ccaaggctct ctgactgact ccgtcccaga      300

```

&lt;210&gt; 473

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 473

```

gcagttttcc agctctaagc accggcaaaa gaggaagct ttggcactgc taatcctcct      60
ttctacacaa cctccctccc tcctgcccga gttectcctc gcacttgctc tgtttgtcct      120
ctcacctttc tctgtcaaaa tctgcacttg gatatgagcc taggatcagt catttggacc      180
ttaatttcag tgtgtgtgct tcctttgcct caaattgtgg caagaaaaat agtcgttcct      240
cattaaagca gtatcagcta tccttgagca caagtgggag gttgggtatt ttttggagac      300

```

&lt;210&gt; 474

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 474

```

gcaccacaga ataagagttt gccgtgtaaa gacaatatcc ccattcgtca tgctcttatt      60
ttcccgtggg atatttgcac acaaatgcat gtctgttacc aaaatattgt gtaacacaga      120
cagaaaccac ctgtttttgt ctttccctgt ttcccttaat atttcatgaa ttgtctagca      180

```

aaaatggtag gatgcttctg tagttcaca atgttacatt tcagagactt tagaggaaaa 240  
attatttttaa ataactgtca actgtttcat tgctttttaa atttttcacg tgcataaccc 300

<210> 475  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 475  
cttaatgttt ttcaattgct caacgaactg tcagccctgt cagatatcat atatctggta 60  
aaattacccc ttaggaatga gggggaaata aatacatact agatgaagga aaactaagag 120  
agtttggtgc tagcagacct accctaaaag aaggctaaag aaagttcctg gctgggtgca 180  
gtggctcacg actgtaatcc caacactttg ggagactgag gcctgccaag ctgaggccag 240  
gtggacagct tgaagcctgg agttcaagat aaccctgggc aataaaggga ggcctcatte 300

<210> 476  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 476  
ccaagatatt cccaaatctc caaattttaa aatagctctt tcgcacacga tttctccac 60  
agaatgtagt aatgtagata tgaaacattc aggtgaactt gttagaacta atggttctat 120  
aaataaaaac tgacatcatt cataaagtta tttaaataaa ttttgctact aaaataaatt 180  
tatatgttac atcattgcta ataattgatt taactgtgag ttttctttt gtaaaaaaga 240  
attgagccaa gccccagggt ttttctaaca agctgacggg atacttggct ggggttctca 300

<210> 477  
<211> 299  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(299)  
<223> n = A,T,C or G

<400> 477  
atccaattat ttctagaaat cccattgatt tcagggaact gaatttgata gccaggaggc 60  
attccactgg cttcttaaag gacattattg gttttcattt tgttttgttt tgatttcaat 120  
tgcaactcaa acaatgaatc ttccaaagat ggttaccctc actctacaaa agtgctaagt 180  
taatattctt taaaataaat acaagcattt cttggactag ataccatcaa ctttaatttt 240  
atttttctca cataaatggt aaccctaaaac ttaatgaaaa tttccttntg ncacacagc 299

<210> 478  
<211> 281  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(281)  
<223> n = A,T,C or G

<400> 478  
ttttatgaaa gccctgggac tatagattta gctgattaaa tttatagaaa aagtcctgtc 60

atataaactg gcaaagtctg ttcttaattt aattagccaa atcagactta acttccgtca 120  
 gaacatgtct tggttttaat tcagataaac acacnaacat acttctctgg cacagccttc 180  
 anaancatcn gcttttgntc tgtntcgtc cnnnnnecgtg nncntntcntt cnnntnecgt 240  
 gctcctcgnn tngccgtntt gngnecgnag gtngtcgctc g 281

<210> 479

<211> 300

<212> DNA

<213> Homo sapiens

<400> 479

acttgctcatg gagctggcac tgtggcgctc tcccgtcccg cgggtggtgc tgetgctgcc 60  
 gctgctgctg ggcctgaacg caggagctgt cattgactgg cccacagagg agggcaggga 120  
 agtatgggat tatgtgacgg tccgcatgga tgcctacatg ttctggatgg ctctattatg 180  
 ccaccaactc ctgcaggaac ttctcacaac tgcccctggt catgtggctt aaggcggtta 240  
 caggcggttc tagcactgga tttggaaact ttgatgaaat tgacccccctt gacagagatc 300

<210> 480

<211> 300

<212> DNA

<213> Homo sapiens

<400> 480

tttttagatct tctgaagtat atcagtggct ttaatgacaa atcaggccca ttttctcctt 60  
 tccatcatt atgctgtatg tatagataga atatgtattt tagatgtttt attgtttagt 120  
 tattatttta gtcttatect tctaaagtcc agcaaagctt taggtaaatg gcgtggattt 180  
 ttgaaatcct gcattcagtc gctagctgac atttagaata caggaatagt agtttccttg 240  
 aaaacagtga cacttatgtt aaattcttgt ggtttttaca aagtgaggtg tcaacacaga 300

<210> 481

<211> 300

<212> DNA

<213> Homo sapiens

<400> 481

gataaacttc acttatcaat attacttata tttggctgca tgccctctgac acttcactctg 60  
 gcctcatgtg ttttccattt tttctttctg aacagactag cccatgcccc ctgcccacct 120  
 catctcacct ccacctcttc ccttctccat tcccctttgg ttcacctttt ggcagaaggt 180  
 actggtggct cagcctgcat gccgctgtct ctctctcgt gctggcatgt catggtggca 240  
 ctgtgtgat ctcttctctt tcttttttac taacagacgc agaccaaact ggagcatgcc 300

<210> 482

<211> 300

<212> DNA

<213> Homo sapiens

<400> 482

aagaagaaaa attacaagaa aacatctggt ttttgcattg ttgatgtgtt tgtgtgtgtg 60  
 tgcgtttaca gttttaactg atattaagtg aagatagatt aatgtcacc cagggttttaca 120  
 aatcaaaga aatagaaata attttaaaga cttttggtac ttgaattact ttgttgtttt 180  
 ctggtcattt agtacattta tggaaacctca gaagggttga gttgaacaga ggcaagttac 240  
 agcagttttt tgggtgggag aattcataag tcagcatgtg aatcttttga tctcatatat 300

<210> 483

<211> 287

<212> DNA

<213> Homo sapiens

<400> 483

caaaccttctt	tgtcttttga	atagtgtgcc	tttaatagaa	cacatatagc	atagttctag	60
ggattagagt	cttctgactt	cattactatt	tttacagtaa	tttatatctt	ggtttcttca	120
attagaaaaa	aaaatcgggc	ctgatttttt	atttcattta	ctagctcagc	tgttctcaca	180
cctacctgct	gaattagaag	ggacaagtat	aatccatctt	cttttcttct	ttccctcctt	240
ctgtaataat	gtttttctat	tttgcagggg	taattttttt	ttttttt		287

<210> 484

<211> 275

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(275)

<223> n = A,T,C or G

<400> 484

gcggagggga	aatggctgcc	gaaaacaagc	cggaagatga	tcatgggaac	agcaatagta	60
gtcatgtaaa	aatcttttta	ccgaaaaagc	tgcttgaatg	tctgccgaaa	tgttcaagtt	120
tacaaaaaga	gaggcaccgc	tggaacacta	atganagatt	atgatgcatt	tgtcttnttn	180
ttttttntat	nntntntn	tnnnntttt	ttntttntat	ntantntntn	ntntntnann	240
ntttttnnnn	ntttnttttn	ttngggactt	ctttt			275

<210> 485

<211> 286

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(286)

<223> n = A,T,C or G

<400> 485

ggtaagtgt	tagaacaata	tctaacacat	agtgggtgcc	cagtaaagt	gagctgtgtt	60
gattttgaga	ttataactac	aataataact	ttttcaaatt	gatacatatt	tagccgatatt	120
aatctaattt	tttaagatgg	aattattcta	ntntntnnnat	ttntttnttn	nnntttntttt	180
ttntntnnntn	ttntnnnnnt	ttntntnttt	ttntttntnt	ntttttntnt	ttntttntttt	240
ttntntntnt	tttttttttn	tnnnntntnt	ttntntntnt	ttttttt		286

<210> 486

<211> 300

<212> DNA

<213> Homo sapiens

<400> 486

gctgagagac	cccttgctga	tgcagctctg	atggcaccag	tgactgtcca	tcatgcattc	60
cttttattct	ctctccttta	gtatcgattt	ttaaagggcat	taagcactat	ggttccagag	120
tttcttgggg	aaaacttgca	gattcttatt	aattgggtct	gcaatactta	aataaattat	180
tttacaatta	taagttttca	gattataaca	tttgcattaa	tttttactga	ttttccaaga	240
tacttcttac	atttactatt	tacgtacctt	tatgtacatt	ctctgtaaaa	atagacctct	300

<210> 487

<211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 487

gtggagtgtt	ggctttcatt	ttttcttggg	caagatggaa	aattctcttc	ctgttactcc	60
atcttggcca	gaaatctaaa	ttctcatata	aaccgatttt	gcttggtcag	ttgttatatt	120
tatttgcaac	taaaagcaat	gtcatgcatg	atgacttgaa	gaaatgtctg	aaacttttga	180
aaattcctta	tttggcaaga	aaatctactt	atattattta	atagctttcg	aacataccct	240
tccctcactc	ataattgcgg	ggtaggagca	caccacagtt	tattagtaaa	agttatttta	300

<210> 488  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 488

agacatttac	agccatttat	ccagccatca	taattttatt	gagtaactat	tttgtgtgag	60
gcactgtact	ggatgctttg	gcaacagaga	taagcaaggc	aaccctgtg	aataaggcac	120
tcttggctta	cacacagtgg	gagaaacata	gaaattcatc	tcttctgagc	ggagcctgtg	180
ggaacccaga	ggatggacac	ccagcgtgga	ctgaggaatc	atgggccata	acaggaggca	240
tctggagaga	tctcttgggt	aaagaatagt	gagggctgga	aggatattcc	aggcagtggg	300

<210> 489  
 <211> 264  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (264)  
 <223> n = A,T,C or G

<400> 489

caggaataat	gctgacatac	atacatatat	atatatatat	gaagagagag	agagagtcac	60
acacagacag	acagacacac	ggagtctcgc	tgtgtctccn	tgntggagt	gnatnnnctt	120
ntaggnctn	ngtntttcct	tncnggggtt	ctntctnaga	ganagagaga	gtcacacaca	180
gacagacnga	cacacggagt	ctcncgtgtn	ngcccaggnt	ngngtcttga	ngnnnnnttt	240
tannntnttt	gnntntntgn	ttct				264

<210> 490  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 490

gaaaagtgag	tctgtccaga	gatacttata	gacggtagtt	gattagagac	gagaaacgaa	60
ggaggtgaag	ccggggtttc	tggcatgggg	aaccagatgg	gtgggtggtg	cattcactga	120
aatagggagc	actcaatgag	cagattttct	gagagaggtc	aggaagcagg	atagtgatgt	180
gatgggtgtg	gtggagacct	gcaagtctgt	cggtgcacta	gccttcactt	cagtggggag	240
aggcttctac	cactttggga	accatcagtt	tgggattgat	agttaacca	ttggagtaga	300

<210> 491  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

```

<400> 491
tagtgatggg gaactgacta cctgaaaaca gctcactcaa ttgtttaaca cttccagttg      60
ttggaaagtt ctaaagcata tcaacagcta accattatta agcacatatt gtgtgctggg      120
tattgtgtta agtgcttgta tgtgttttcc cttaaatact ctctgtaatc ccttgaggcc      180
aggtttagtat ctccattttt tagagcagga aacagagatg tacagtttct tgttcagget      240
cactcaggtg gtggtggaac aggaatggac cccatgcagt tggcctgcag cctgtgctcc      300

```

```

<210> 492
<211> 288
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (288)
<223> n = A,T,C or G

```

```

<400> 492
gatcaatata cagttgtcct cagctggttc caggcccccc cccaccctt accaaaaatct      60
gctcactactg aagtcgccga gttagccctg caaagaccct acagaacctg cacttaggaa      120
aaggcagccc tctgaatacc agggattcga gtccctgacc atggatatgt ggggtccacgt      180
ggttcaaaca agtttttttt tgggacgggt tctcactgtt gccagggctc nnacnnncta      240
ggtcnccnct tncnnntcn ncncttcate cnntccttcc gtcccgtc      288

```

```

<210> 493
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 493
gtgcctcctg cctctccaat cctgatecccc cattcccagc caaggagagg ttttcagccc      60
ttggtcaccc tgatgacctg cagctttcca ggccttaggc tgagaagttt aagtccagtg      120
tctcattaat cctcataata atctagggag gccgggcacg gtggctcaca ccttgtaatc      180
ccagcacttt gggaggctga ggcagggtga tcacttgagt tagaagtttg agaccagcct      240
ggccaacatg gtgaagcccc gtctttacta aaaatacaaa aattagctgg gcgtggtggc      300

```

```

<210> 494
<211> 262
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (262)
<223> n = A,T,C or G

```

```

<400> 494
gattgatgta ggttttaaaa aaggcatttg tatgttggtta gcttacatat ggggctaggt      60
aatttcattg cttaaaaaga tgcgcctagg ctccctcttg gtggctggat ttctttttct      120
tcgcccgtgg tggccatggt tcttaatagg gccaccggaa tcatggtttc ttcttttttt      180
tttttttnaa aaggannnnn ccccttggac ccnngnnnga angccagggc cccaaatntg      240
gnntaannga accntnnnnc nc      262

```

```

<210> 495
<211> 300
<212> DNA

```

<213> Homo sapiens

<400> 495

ttaaagagcc atgacaacaa aatgcagccc ttgattctag tctggattct ggacttgaag	60
ggaaacattt ttcttatctt ttgctataag ggacattagt gggacacttg gcaaaattta	120
aattaactgt agattagata atactattgt attgttaatt ttctggcttt tattctactt	180
tgattatatt ataaaagtcc ttgttgtag gaaatagaca ctaattattt tgggttaaag	240
gaatatcatg tgaaattcac tttcaaacag ttccaaaaaa cacagtgata tatatgtata	300

<210> 496

<211> 264

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (264)

<223> n = A,T,C or G

<400> 496

ggacagtggg tcctgaaggc ctgtggccta ggagaaggag acactgaggt gtttcctacc	60
caacatgtgg tccgtgctct ccaaaactatc tttgagctga acgtccaggc ctttgcagga	120
ggggccatgg gggctgtgaa tgggatgcan ccctatggng tccctgactn attnanngtn	180
ntnctnant aantcttgng tttcttgggt tttnttntt tttntntcn ttttnttan	240
ttntntntt ttntttttn nnnt	264

<210> 497

<211> 300

<212> DNA

<213> Homo sapiens

<400> 497

atcataccca gctgtgttg ttttttaaca atatataata aaagccaaca tttattcagc	60
actgaagtat tttatacaca ttagctcact taatttttac aacaaacctg tgtgggaagt	120
actgatataa ttaatcgata ttttcagata agaaaatagc agctgaaaaa gtacaaatc	180
tttctcaaa gacagacagg gcttaaatca ggcctttctg atgtagacca tgctcttcac	240
taccacagag ttccatgcta ctttctctcc ctctccctcc tctcctgtcc ctgctacaca	300

<210> 498

<211> 300

<212> DNA

<213> Homo sapiens

<400> 498

gcaacgaaat aatttttaaag tggatctggg ttggtagtgc ttatgggagt taggcaagga	60
aaaatgcaga ttctctttag aatatcttca cctaggtccc aaaggattct catagataga	120
tttccaacaa atatgagggt ataataaaaa atacaaatca catatagaag tatggcacca	180
tgaatgagaa aggaaaaaac tgtcagaaca agaccctcaa gactttactg gaattaacaa	240
gcaatatgta aagtaaatag aaataagcta ttcataataa gaataatgta taagagacta	300

<210> 499

<211> 300

<212> DNA

<213> Homo sapiens

<220>



<221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 499  
 caggggtgag ccaccacacc aggecaagca ttttctttca aatacaagga atatttttct 60  
 gatttataaaa aaaaaaacga actttttttc tgataatcaa agggaaagt gcaaagatga 120  
 aaataaaagt catctgtaat ctcaggtaat accaggtaat taacattttg ctggatttct 180  
 taccantgaa aatgaangcn tatttttaag gtggntgcng ncntnnttnc nngttnntnn 240  
 ntnggnttng ttancnnna gnatgtnttt cntnttannc ttgttntnnn tgtagtctct 300

<210> 500  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 500  
 tggctgtgga tgttaacaac atgttgcatc tgtacgccag tatgctgtac gaacgccgga 60  
 tactcatcat ttgcagcaaa ctcagcactc tgactgcctg catccacggg tctgcggcga 120  
 tgctctaccc catgtactgg cagcacgtgt acatccccgt gctgcgcggc catctgctgg 180  
 actactgctg tgctcccatg cctacactca taggaatcca ttttaagttta atggagaaaag 240  
 tcagaaacat ggccctggat gatgtcgtga tcctgaatgt ggacaccaac accctggaaa 300

<210> 501  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 501  
 aaaagaaaac gagaccaagt aataaagcag aaggaagaag aagcacagaa gaagaaatct 60  
 gacttggaag tagagctatt aaaacggcag cagaagtgtg agcagcttga acttgagaag 120  
 cagaaattgc aagaagagca agaaaatgcc cccgagtttg tgaaggtgaa aggcaatctc 180  
 aggagaacag gccaaagaag cgcccaagcc caggagtctt aggctgaggc tgcaccaaga 240  
 cctcgtgtgt caccacacag agctgtctgt ggggtgccttc tcaatctcag ggcaaaagcc 300

<210> 502  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 502  
 gccagctcga gtagacgaag ttcttgatgg agctgtaaag ccaccacaaa acaaactacc 60  
 cattttcttt tttggaactc atgagactgc ttttttagga ccaaaggata tatttcctta 120  
 ctcaaaaaat aaggaaaagt atggcaaac aaataaaaga aaaggtttta atgaaggttt 180  
 atgggagata gataacaatc caaaagtga attttcaagt caacaggcag caactaaaca 240  
 atcaaatgca tcatctgatg ttgaagttga agaaaaggaa actagtgttt caaaggaaga 300

<210> 503  
 <211> 293  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(293)  
 <223> n = A,T,C or G

&lt;400&gt; 503

tcaggctggg	agggacttca	gttagcatgg	tgggggagaa	ccagtaccac	ataccagta	60
ggtaataagg	tgtccagcag	aggatgaagg	tcagcaagat	aagcagggcc	agtctcaggg	120
cccgagacg	aacacggtga	caattgtcaa	aggagcgggg	gagggcaa	tcaccagcag	180
gggctaggaa	tttagaatat	atactgtact	tcacacactc	actttctgat	ctgagtatag	240
ggtgaattga	tggaggggtca	ttcctagtgn	gannganntn	gcctcctaca	atg	293

&lt;210&gt; 504

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 504

ggaaaaggag	atcaatggct	caaagggtcac	ctgtcgggga	ctactggagt	attttaaggg	60
atatattaaa	atttatcaag	gagaagatct	gcctcacccc	aagtccatgc	ttcaggccac	120
tgctgaagcc	aacaacttag	cagctgcagc	ctctgccaa	gacatttatt	ataacaacat	180
ggaagagggtt	tgtgggggag	agaaacctta	tttgtctcca	gacattctag	aggagaagca	240
ctgtgaattc	aaacaacttg	ctctggacca	ttttaagaag	accaagaaga	tgggtgggaa	300

&lt;210&gt; 505

&lt;211&gt; 284

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 505

gaccgactga	agctgctggt	gctgtacagt	ggagaggatg	atgagctgct	acagcgggca	60
gctgcggggg	gcttgcccat	gcttacctcc	atgcggccca	cgctctgcag	ccgcattccc	120
caagtgacca	cacactggct	ggagatcctg	caggccctgc	ttctgagctc	caaccaggag	180
ctgcagcacc	aggggtgctgt	ggtggtgctg	aacatgggtg	aggcctcgag	ggagattgcc	240
agcaccctga	tggagagtga	gatgatggag	atcttgca	gcta		284

&lt;210&gt; 506

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 506

aaagtgaata	tcgagttggt	aacgccaaga	ataccagaat	tctggaaatc	catgaagcag	60
cagcataagt	ggtttgctc	tttctccagc	agcaacatag	tgaaatctta	accctgaatc	120
cttgatttct	tggcgttacc	aactgagaga	atttaaaagt	gaatatcgag	ttgtagcact	180
ggatttgaga	ggttatggag	aaacagatgc	tccattcat	cgacagaatt	ataaattgga	240
ttgtctaatt	acagatataa	aggatatttt	agattcttta	gggtatagca	aatgtgttct	300

&lt;210&gt; 507

&lt;211&gt; 298

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(298)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 507

gctgctcaag	gattgcaggg	atgaggcaag	tggaacagcc	tcggaacctc	cgaaaatggg	60
cacgctccag	gtcccagttt	ctatggcaac	cataccggca	aattgggctc	cgcaatgggt	120

```

tctcctggaa aaaccgtgat tttggttacc gcngacgtct ntancnntng gnnngnctac      180
nnnnntntaa annntttata tgngaatatg tattgcatat ntntngncan cacttantnc      240
tttacattnt ctatgatgcn nngaccttg ttangttttt tgnctnntga cccttttc      298

```

```

<210> 508
<211> 299
<212> DNA
<213> Homo sapiens

```

```

<400> 508
gcggctcttt tccctegtga ctcggttgct cctggcgccg cgacggggcc tcacggtcgc      60
cagtcctcgc gaacccctgc cgggtggtgc cattccagaa gagctcccga gacatacttc      120
tctgcacaga catagcctct cggggcctgg acagcactgg tgtggagctg gttgtcaatt      180
atgatttccc cccaacgctg caagattaca tccacagagc agggagagtg ggccgtgtgg      240
ggagcgaggt gccaggcacc gtcacagtt ttgtgacca tcctgggatg tgagcctgg      299

```

```

<210> 509
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(300)
<223> n = A,T,C or G

```

```

<400> 509
ggatcttctt caatcagcaa taacaggtgg ctctatagaa tggagggtag aagggatgtg      60
ggtgacttac tcagttttta gttaaagagg accctcttct gttagcatgg tgaagtgcag      120
tttctttaat aaattgtgca tgggtgggggt gggattannt ttncgtngt ttacttcagn      180
cttgcttnna cncctantna atcctnatt ntannntnnt ctctcttctt ncctnctctt      240
cttnttctnn tgntntnnn ntncctntn ncctgncnt tnnnaanatt ctntcctctt      300

```

```

<210> 510
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 510
gtggagggat gcactatttc acaagggtcca agatttggtt tcagaagatg aaaatgaaaa      60
taaaatagag tttaggaaga aaggaggatt tgaaggggga ggattccttg gaagaaagaa      120
agttccctat ctggcatcat caccaagtac ttccagagtg ctgggattac aggcattgagc      180
caccacaccc gacacttaaa gggcatttct tttttatcct tgttttagtc acaccatagt      240
ggaatgagta atcagtttta gaagctgcaa atttaccatt ctctcaaaga tgctagtgtgta      300

```

```

<210> 511
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 511
aaacaccaag aatggcacct gtttgataa ataaggctat gtttttgaaa gtaacctttc      60
cacaagtcaa taacagaagc tatggtgaaa tgtaaaaatt cacaattcta ctttgtttca      120
ctgagtgcac aatcaacgat tcatacagtt gagatgaatg tgacaaaact ctttatagat      180
aaatatatat gcctaagttt atctatatat atatgtcttt gtgtgtatat acatacacag      240
atatatgcaa agacataaat aatcttcctt acaaaacatc aatagatcat tttcacaggg      300

```

<210> 512  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 512  
 ccagcctgcg tttcaaccaa gaccaaagct gcttttgctg cgccatggag acagggtgtgc 60  
 gcatctacaa cgtggagccc ttgatggaga aggggcatct ggtgctgac tgggacgatg 120  
 cccgggaggg caaggactcc aaggagaagc tgggtgctgga gttcaccttc accaagccag 180  
 tgctttctgt gcgcatgcgc catgacaaga tcgtgatcgt gctgaagaac cgcctctatg 240  
 tgtactcctt ccccgacaat ccccgaaagc tgtttgagtt tgatacccg gacaacccca 300

<210> 513  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 513  
 gaagctttca tgtcctgcat tgtggaatcg ggtgtgtcac cctctcaaca cattgatatg 60  
 ttcaccaacc aggatgcttc accatgcttc ggtatctaaa gtttttattg gggtttcatt 120  
 atatattgat aattgattga atcactggcc aagtattga actaaatctc caccctaccc 180  
 cttactctgg gtgtcaggct gactcaaagc accagctatg taatcacatg gttgttctcg 240  
 ctggtaactg gcctccatct tgggtcatct catcttcag cccaaattca ggtgtgatcc 300

<210> 514  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (300)  
 <223> n = A,T,C or G

<400> 514  
 gagaacatct ttgagtaaga agatgcagtg tttgaacctg aggaaaagtt aaagcgtaga 60  
 aaatattgtc ttgccgaagg attttgagc cctctgtcag taacttccat tgattacgca 120  
 gacatattca ggtaaaccct aatcattaag aaaaaaatta tcaatgtaga aagtaattcc 180  
 cttttttctc tctgagatat acctcaatca cacacttccc cccccact tgaaacagac 240  
 ctcttcactt gtgttttttt ttcttgaggt ggagtcttcc cctgtntgcc caggctggag 300

<210> 515  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 515  
 tagaaatgag atgactttat gtctaagatt tgcattaaaa tactataatc atttgaagaa 60  
 agaataaagt aaatatgcc aattttgtat tataattcaa tctgtatgac agttatgtga 120  
 gttttttttt gttttgtttt atgcttgtgt gaagattttt gtagttaagc tttttttaa 180  
 aaaaagtcaa ctgagttact tacgtgatga aattagaaca catacttctt acaagcacat 240  
 tctctcctat cccctctccc atttcagttg gcaccataat gccatttttg cctaaccata 300

<210> 516  
 <211> 300  
 <212> DNA

<213> Homo sapiens

<400> 516

agcaaatgtg ggaactgcc aaccaaactg cagcatcg acggcggtacc tcacctcatc	60
ctcatcgcc cccgagacat cgcggctggg gaggagctcc tgtatgacta tggggaccgc	120
agcaaggctt ccattgaagc ccacccgtgg ctgaagcatt aaccgggtggg ccccgtgccc	180
tccccgcccc actttccctt cttcaaagga caaagtgcc tcaaaggga ttgaattttt	240
tttttacaca cttaatctta gcggattact tcagatgttt ttaaaaagta tattaagatg	300

<210> 517

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 517

caaatgtggg aactgccaaa ccaaactgca cgacatcgac ggcggtacctc acctcatcct	60
catcgccctc cgagacatcg cggctgggga ggagctcctg tatgactatg gggaccgcag	120
caaggcttcc attgaagccc acccggtggt gaagcattaa ccgggtgggccc cgtgcccctc	180
cccgccccac tttcccttct tcaaaggaca aagtgcctc aaagggaatt gaattttttt	240
tttacacact taatcttagc ggattacttc anatgttttt aaaaagtata ttaagatgcc	300

<210> 518

<211> 300

<212> DNA

<213> Homo sapiens

<400> 518

ggcatgagcc accatgcctg gcccaaaact tcttaaaaag gatgatgatg gtgggtggga	60
taatatgtt atcatcatta tctaacacat agtgcttact ttctgccagt tgttgttctc	120
agagctttac atcattaatt catttaagct ttgctattga cctcctcacg gatcttaaag	180
actttgacct tacaacctca tgaataaat cctactgatg cgattgtaca gatgaggaaa	240
ctgagctaaa agaggcaca cagcttaaac ccagggttaca cagctaatac gtgatggaa	300

<210> 519

<211> 300

<212> DNA

<213> Homo sapiens

<400> 519

cttgaatccc ttgaccttac tgatgagaaa aaggctcctg agtgggctca ggagaagcgt	60
aagctgagcg tgttgcatat tcacggagtc tacaccaacc ctagtggcat tgtccttcat	120
ccggctggat atcagaacgt gctcaggaa actgaagtca tgagagaaat tcagaaactc	180
tacgaaaaca agtcatttct ttctctgggc tgtggctgga ctgtggatga caccacttct	240
caggcccttt tcttggaggc tgtcaagcat aaatctgacc tagaacattt catgctgggt	300

<210> 520

<211> 300

<212> DNA

<213> Homo sapiens

<400> 520

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gttcagtggg caatacaata gtccaccaag agactgggaa tgattagaag tgaaattggg      60
ccctccttac caaggagggg cagatgatct ccattgcaca gggcgattag attctggagc      120
tgagggtggg actgcaggag gccacctagt ctggtaggtt tcaacccaag ctgtgtacat      180
tagaattccc ttgggagcgt gcaggaaata cagatgccca tgccacattc cagaccaact      240
gaagctgaat ctccagagta gggcctgtat ggtcatataa gctccacagg tgatctgcag      300

```

```

<210> 521
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 521
aattgatttg ctacatgctt aaaatgatag aggttgctca gcatttttgg agtacaaggg      60
ggtcagagag acatgtgatg aaaattacag ggcgagtaca gagatttaga agggaacggg      120
ttttaatgcy agtatctatg acagagtctt gctctgttgc ccatgctgga gtgtagcggg      180
gctcgtctga gcctcacatt caaaggctca agcaagcctt ccttggcctt tgaagtagct      240
gggaccacag gctcatgccca ccattccctgg gtcattttta aattttttgt agagagggtc      300

```

```

<210> 522
<211> 258
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(258)
<223> n = A,T,C or G

```

```

<400> 522
cagagcttag acatccaaaa ctaatcaatg ctgaggtggc taaataccta gccttttaca      60
tgtaaacctg tctgcaaaat tagctttttt aaaaaaaaaa aaaattgggg gggttatnca      120
tacattgaca acnctngat tnnngaaaat tnttnntttn ngcnangcga ttnccegtann      180
agaatggaac tgtagcnntn aagngctacn ngaaanaatt tnantanncn nanantnntn      240
tnnntntncn nnanantt                                     258

```

```

<210> 523
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 523
gttaactgca ctctgttcaa ggagggtttg aattggagac acagagcagt catcgttgat      60
ggcaaatatt aaatctagcc aggcacacat ttccagttcc ttcacaggg cccagtccta      120
ctcgcagaat tgttctccac agtttgactt ggccctcttg gctttcagtt ttttcttctg      180
agtctttttc cttttccatt aaaaaattag cagagttttg cagtgattgg ctgtcttggc      240
ctgcattcta cttgtgttag gccagtttta tgttctttct acttcagttc aagggtgtgt      300

```

```

<210> 524
<211> 291
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(291)
<223> n = A,T,C or G

```

<400> 524  
gcccagatccc agattcaaca gcagaaacgc ttgttgaatg gcttcagagt caaatgacaa 60  
atggacacct accagggaac ggagatgtgt atcaagaaag gctggcacgt ttagaaaatg 120  
ataaagaatc ccttggtcctt caggtaagtg tnttnacnta cnnntttnt nctnnntggn 180  
atatnttctt tgatttcttt ttttntttt tctnttgctt tatntgnttt tattnttttt 240  
tntctngagtt ttntnttttn tctnanntct gnnttanntn tnntttctct t 291

<210> 525  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 525  
taaagacaaa aagatcttca tgattgtcat tccactccag gtccctggcaa atgtagccta 60  
catcatcata gagtccaccg aggagggcac gactgaatat ggcttgtgga aggactctct 120  
atctctggtc gacctgttgt gttgtgggtgc catcctcttc ccagtgggtg ggtcaatcag 180  
acattttacaa gaagcatcag caacagatgg aaaagctgct attaaacttag caaagctgaa 240  
acttttcaga cattattacg tcttgattgt gtgttacata tacttcacta ggatcattgc 300

<210> 526  
<211> 285  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(285)  
<223> n = A,T,C or G

<400> 526  
tcagaatgaa acagaacaag tccattttta ttttctttca ctgcattgca tatggtactc 60  
aagttgtgtt gtgtatagct aataggatgc cattcacatt ttatacatct tttttttttt 120  
ttngnaangg nnnnccnnnt tngccccng gncggngggc cngggccna tnnnggnnnn 180  
nnggaatncc ccccnncggt gtnangccn ttnnttngcc nnaaccccc nnnngannng 240  
gaccannngn ccccnncnnt acccngggn aantttttgg ttttt 285

<210> 527  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 527  
gtccatgcta atttctagat tgatgtttta gccataaaaa tgcagtattt aataatattt 60  
tattttccaa attatggaaa gcttcagaaa tagaaatatt caatataatt agtactctct 120  
aatctttttt ctagggtgaa aaatctttgt tttgctttag gttagattat gttgaaacac 180  
atctgtgttt cagatgtgtt cagagctgag gtctcagctg aggtccact gaagcaggat 240  
tcacttccaa aataacagag ttgttgccaa tattcagttc gtagcaaact actggaacaa 300

<210> 528  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 528  
aataaataaa tgggacctgg ttaaatagtc tctctacagc aaaagaaata attgtcaaaa 60  
taaacagaca acccacagaa cgggagaaga taagacttgt aaactgtgca tgtgacaaa 120

aactagtatt cagaagctac aggggaactca aatcagcaag aaaaataaat aatccccacca 180  
 aaaagtgggc aaatgacatg aatagacatt tctcaaaaga agatatgcaa atggtcgaga 240  
 aacatatgaa aaaatgttca acatccctaa tcattagaga aatgcaaatt aaaaccacag 300

<210> 529

<211> 300

<212> DNA

<213> Homo sapiens

<400> 529

gggtgagata ccacgcatga aaccacgtg gactgcaact caaagtgtgg tccttggtccc 60  
 agcagcattt gtcagaaagg cagaatctca cagggccagg actagggtgg cacagggtgag 120  
 gcatccccggg cacagcattt aaggaggccc tcaactgtcag ggtcgtacag ggcacctcct 180  
 cggctcacc taatcccagc tctgaggtcc acccagacct ttctgagtca gagtctgcct 240  
 tttaacaaga ctctcagcga tatgtatgcc cagaggagtg taagaagatc tggccttaga 300

<210> 530

<211> 291

<212> DNA

<213> Homo sapiens

<400> 530

gaggaacaag aagcaccact acaggagct cccagttgag gtgcgacagg cactcggcca 60  
 agtcctgat ggcttcgtcc agtacttcac aaaccgcttc ccacggctgc tcctccacac 120  
 gcaccgagcc atgaggagct gcgcctctga gagcctcttc ctgccctact acccgccaga 180  
 ctgagaggcc aggaggccat gccctggggc cacaggaggagg tgagggtggg tggatgccac 240  
 acagatgggc tccgtgctgg ctactgaat agctgagcct gtggctggcc t 291

<210> 531

<211> 278

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(278)

<223> n = A,T,C or G

<400> 531

cttaaagatg cataacaaag tcaggggatt cattctatat gatatccaat gagtatggca 60  
 ttggcataag gctagacaaa cagggcagga cagaggaggat gaatgaacag acacacatat 120  
 atttgacac ttgaatgtgg ataaaagagg caatgtagga aggaaggga aagatagtct 180  
 tttcaataga aggaactgga tcanagagat attcaatgga ananaagaac gaaattttac 240  
 cntntnntna nnacntangn aagtnaatta ttacttac 278

<210> 532

<211> 258

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(258)

<223> n = A,T,C or G

<400> 532



```

caaacttaaa ataaaatccc cactatgcac attttatttc tccaacatac tcggattcta      60
ccctagcatc acacacacac acacacacac agtattttga cctagggatt gactatgtaa      120
cttaatttgg agacaattga catataaaaa tattgagatt tccaactcat gaacataata      180
tatctctcta cttatgtcgt gtttgatttc ttttagcaat gtttgcagtg tacaggtttt      240
acnccttttg gnaggnnt                                     258

```

&lt;210&gt; 533

&lt;211&gt; 288

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 533

```

tggaaaagaa aataaaattg gcagctcact cttctgtcat ttgatcttct gtcatttgct      60
tttctgagtt ttggccctcc tgtacaatct atctggtcgg gtttactttt ctccatcttc      120
aagcagggtg tgtcttcaag catgcatgtc tgtgttttga ttcggaattg atagttataa      180
tagaagcatg agctgctggg aaattatacc tcctgatttg tgtggtttta tttgttcacg      240
ttgcagggtt gagtagtttt tggtagatgt gttgggagat atgaacgc                     288

```

&lt;210&gt; 534

&lt;211&gt; 223

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 534

```

aagacacata gtggatctgt atggcgtgtg acatggggccc atcctgaatt tgggcagggt      60
ttggcttcct gttcttttga ccgaacagct gctgtatggg aagaaatagt aggagaatca      120
aatgataaac tgcgaggaca gagccactgg gttaaaagga caactctggt ggatagcaga      180
acatctgtta ctgatgtgaa gtttgctccc aagcacatgg gtc                           223

```

&lt;210&gt; 535

&lt;211&gt; 265

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(265)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 535

```

gccacatctg ccagagcctg gagtctgcga aggcggggac ccggttcccc ggcccacagt      60
gggggtgtgc aaaccgnaa gaactgggta agatntnttt nnttcgctgt tntgnttttt      120
nnccgagct tatctnannt ntatanttgg cnatntttnn nctcttgn tnanatttan      180
ntatcttttt cntctcnnn tntttntnc tcnantnttt atnttttttn tcttnatnnt      240
ttctaantgc ctntntcant ttntt                                     265

```

&lt;210&gt; 536

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(300)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 536

```

cttttttcta tttttacgct ctgctgtcca tgacatatatt ctaacacctt tatgattatt      60
gttcctgctt gtaaaagggc tgatatttac atgagtgcga ggcaggaaga aaaggtagct      120
gtgccagcca cttctggcaa gcagttctcc caccttagcc tccaagtag ctgagacat      180
aggcatgaga tttctcaaaa ttcctcccag caggctttca cttagtttca ttgttgagaa      240
ctgtgacagg tccatctcta gctgcaaagg aggctgagaa agngaacaca gcagcctcct      300

```

&lt;210&gt; 537

&lt;211&gt; 259

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(259)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 537

```

catttatata tatactatat atttcatata tgtatttcag gaatttatag accacacatt      60
catatataga tacagatata tatatgngng tgtgngnata tacncatann tantnaagcg      120
tatatncngt agtatacatn atncacncat ananacgtat atatgnaaac gnatatanac      180
ncgtanata attatatgtt atatntacng tatntacgta tacnncatat gcacntgnta      240
tncgtntntn tgnntntnt      259

```

&lt;210&gt; 538

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 538

```

gcctgctgag cgtgatgact tcatcctggg gattctcaac tgcgtcttca ttgtgtacta      60
cctgttgagg atgctgtcga aggtctttgc cctgggcctg cgagggtacc tgctctaccc      120
cagcaacgtg tttgacgggc tctcaccgt tgcctgctg gttttggaga tctcaactct      180
ggctgtgtac cgattgccac acccaggctg gaggccggag atgggtgggc tgcgtgcgct      240
gtgggacatg acccgcatgc tgaacatgct catcgtgttc cgcttctctg gtatcatccc      300

```

&lt;210&gt; 539

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 539

```

gtggcaagtt ggttatatgg aaagtctctg ttcactcact tgggtgaata acagtaaata      60
cctttctatt gttttcactt tacattagga catgagtatt tgtgcctgtg gctgcagttt      120
gtggttagttt cctaccccag gtatctcctg cagcatgcag cttcagtcct accagaccct      180
caaaacttaa aagctaacac tattactagg gaggattttg caggaaaatg gagaaaggg      240
tacacacaaa aaagggttaa ctactctatg catgtttctg caatgtgtta tctcaagaat      300

```

&lt;210&gt; 540

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 540

```

ggttcacact ccatttccca gtttctgttg acccccacct tccagtgttg gacaggatgg      60
agggggggaca cttgcttagg ggctctcctg ggccccacac cagtgccac cccaaatctg      120

```

```

gtcgtctcct ccccccattgc acagcacaag ctaagggctg cctcttgcgc acacgtgcg      180
ttcactgcc aatgtgtact cacctccatc accctccaac ttgggggccc atgtcttcct      240
tgggccaagg tctcatgggg gctagggccca agttgggggc ccaggaggcg gggagggaag      300

```

```

<210> 541
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 541
gtccattctt ataaagggaa cttctagcaa acctgccag ccttttcctt ggagggaac      60
attatctgta ttatcctaaa gagcaaaca atctgctctt ggttccaaat agagacactt     120
tatctttcaa gacaatgcct atgcaaatat cttagaaaag atagtctagg agaaacaagc     180
tgccacaaga actgcaaaaa tgcaaacagc ctataaagaa ttgtctccca acatattgat     240
cttttatatt attctcttta tgcgttgtca' taaaaagttg agagactgca atcctgcacc     300

```

```

<210> 542
<211> 297
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(297)
<223> n = A,T,C or G

```

```

<400> 542
gtgagcctag ggacccattt ctctccttt gacagggaca tcagtggagc cttctcagac      60
ccacaggggt ccttggggaa ttttgacatg gttatttaag gaaccttgcc tagaagtccc     120
aacttgcaat tccccatcga cgggaaggct tggactccaa gatgattata aaggaatatc     180
ggattcctct gccaatgacc gtggaggagt accgcacgc catctgtaca tgatacagaa     240
gaagagccgt aacgagacat atggcgaagg cagngnggtg gagatcctgn ataaccg       297

```

```

<210> 543
<211> 271
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(271)
<223> n = A,T,C or G

```

```

<400> 543
aggacgaccg ctacttgca cttctggaag gcacccggga ctatgagtgg ctggaagcac      60
tgcttatgaa tcagacgggt atgtcaaaaa accttttctg gctcaggcgc agacccaag     120
aagctgctcg ggaagccctg tgcattggaca ggtacatggt gctgcacca gactttctcc     180
gatacnthaa nancagnntt ttgaggcnta ttancctgga nggtanncat catcnngana     240
tannttcena tttctgangt cctnactgag g                                     271

```

```

<210> 544
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 544

```

```

atggaattta cttttcttct agactttctt ttgcaatgga acgttgcttt gtgtgtgatt    60
tgggtggaata acaaccaata cacaatgagc agtctaattg gtagtcattt ggtgctctgt    120
gttcaagtgt gaaatctcta tcagtgccta atagtaagcc agggctctgt tttcatatag    180
aaaatggttg ctgacagaag aagatgtggc cgtactccag ggtgggttct tatggaggct    240
tgtgagagtc tctatacagc atccatgact gccaccggca cttccaatac cattagttat    300

```

&lt;210&gt; 545

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 545

```

ctccatcaag gcatttctct tcattggata ttgcagtctg cacaattgag agagccaatg    60
gtctgatcaa tcgcctcata gaggaaaata agatggatct gttaggaatg gtggttgtgg    120
atgaattaca tatgctggga gactctcacc gagggatatct gctggaactt ttgtgacca    180
agatttgcta tattactcgg aaatcagcat cttgtcaggc agatctagcc agttctctgt    240
ctaattgctgt gcaaatcggt gggatgagtg ctacccttcc taatttgagg cttgtggctt    300

```

&lt;210&gt; 546

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 546

```

cagaaatcag catgcatgaa ttaatcgaaa tacaatgcat attaaacaat gcaattacta    60
tagtctaaat caccaaactg ataaccata caaaagtagc tcttacaact ttttttgaga    120
atatttcccc taaaaaattc cagtgatcat cccaacctac aaaactagat tattttacta    180
gtatcatctt ctctttacc cttctctccc caccaacact ccctccaaca cacacacact    240
tctccttaag agaaacggct tcctcaagaa attatctgat ggttcagtag cagttggagt    300

```

&lt;210&gt; 547

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 547

```

aagaagggtgg gggcctgcca cggccccagg acccactgc tgggcaccga ccagtgtgcc    60
ctgggcccac gcttctgggt caggagccag gaggccgcca agctgtgcaa cgctgtgcaa    120
cactgccaga agcatgtatg gaaagagatg cacctccacg ctggggaaca cgcgtgaccg    180
tggctgccag agaccagag cctgctagcg agggccatga ggtgggtgct tccccatcc    240
ccatttcaca aatgaaaaac tgaagctctg agggaggagg ctgggaagga gcagagctga    300

```

&lt;210&gt; 548

&lt;211&gt; 293

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 548

```

cctatgattc attcattcaa taagctttta ctgcataaac tttacatcca gcactgtagt    60
taagtaccca aaattgaata gaaataatgg cttttgaaaa ttgcccaaag caggctggga    120
ttacaggcgt gaaccactgc acccggccca gtactgcac ttaacagcca agccatttta    180
ttctacttta taactgatag acttgatacc atccatctct ttaggttaca gaggataatt    240
tgaagagaaa tgttactgta gaatatatag ttctgtactt ttttttttta aga          293

```

&lt;210&gt; 549

&lt;211&gt; 266

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 549

cgcgacgcac attgatggag cgtatgtcca ggcgccggtg caccgcaagg agcaaaacag	60
acacagtctt tggtcctagg gctcacgtcc cggggcgaag aggatcctcc ataaacgac	120
agccatagca gctgtgattg gacaagagac tgatttcagt gactttctcc tgataagaga	180
ccaccgacca gctgaccatg ccgaccagct gacccgtaa tagagagaga tgatgcacct	240
gcatgccttt gtgtcctgaa aatgac	266

&lt;210&gt; 550

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 550

gcttggggag agtgatggta gaaggacctc ccaggagggc cctggagaca gtgtgaaatt	60
cgagggaggt gaagatgctt ctgtggctgt ggagtggctc ggggatggca gtgggacct	120
gcagaggagt ggctctcttg gcaagatccg ggatgtgtc cgcagaagca gtgaactctt	180
ggtgaggaag ctccagggga ctgagcctcg gccctccagc agcaacatga agcagcagc	240
ctccttgaac tatctgaacc aacctagtgc agcaccctc caggtctccc ggggcctcag	300

&lt;210&gt; 551

&lt;211&gt; 271

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(271)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 551

ggaaagtggg gaggtctctg ctgcgaagag aggcactttc agggactttc cttcagctgt	60
ctcttcctct gggaatgagc tactcaaggc tgaccctcc tctgttgct tgaaataatg	120
atgatata ggttgattn ngnagtntgt nacctcngc tcaatctcct nctnctctc	180
tacctnnnt cttctcctn ctncctnnct tcgntnnnc tnnctctcc cncntnttac	240
tctnacant cctntnenc accctcactc t	271

&lt;210&gt; 552

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 552

ccggaggctg gtgctgagcc agtggtggg catcctagcc accatcgcg ggctgggtgt	60
cgtgggcctg gctgacctcc tgagcaagca cgacagtcag cacaagctca gcgaagtgat	120
cacaggggac ctgttgatca tcatggccca gatcatcgt gccatccaga tggtgctaga	180
ggagaagtcc gtctacaaac acaatgtgca cccactgcg gcagttggca ctgagggcct	240
ctttggcttt gtgacctct cctgctgct ggtgcccatg tactacatcc ccgceggctc	300

&lt;210&gt; 553

&lt;211&gt; 224

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

```

<400> 553
cggatatacct ctccctcatc aaacttttct ccaccaactt tagcatctgg ttgccaccct    60
ccaaaatggc cccagtgatc ccatctccta ataagtacat gtctgtgtgg tcctctccca    120
cactgcatag gaatggctta cgtaaccaat aggtagttga ggatgtgatg cagtctgact    180
tttgaggcta agttgtaaag aaagacactg tgtcttcttc cttg                      224

<210> 554
<211> 268
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(268)
<223> n = A,T,C or G

<400> 554
cttgagtcta ggagttcaag accagccttg gcaacgtggc taaaccccat tgctacaaaa    60
atatatatat acaaaaaatt agctgggagc ggttggcaca tgctgtagt cccaactact    120
caggaagccg aggtgagaga atcnnnnggn nncnnnnntn tactntnang ttaaanaann    180
ggntttannt nnnaaattan ctggaagcgg ntgncanatg cctggngncc caantactct    240
ggaggccnnn gnggnaaaat tnctggaa                      268

<210> 555
<211> 300
<212> DNA
<213> Homo sapiens

<400> 555
caaataccaat agcaagctct gttttcta atagtaaatg tctttatagt aatagtgagt    60
aatcattaat tctaaagata gaattattat tacaataaac aaactttagt cacatattgg    120
cagtttttct atttcaaca cagcaccaga gatcagagtc tacttgaaac ttacatttgt    180
gttatttaac aatttttctg tatcttttct attggtgttt tgttttgttt atcttttgtt    240
tttgtttctt tggtttggtt tgtttttgtt ttgttttttg agatacgatc tctgtcacac    300

<210> 556
<211> 300
<212> DNA
<213> Homo sapiens

<400> 556
gctcagtgct ggcagtgtga cctgggtgtg tcagtgagtc tgtggatcca gggtcagtgc    60
tggtatgttt agctgacatt ggcagtgagt ccatggatcc aggctcagtg ctggtatgtt    120
gacctggtgt tgtcagtgag tctgtggatc caggctcagt gctggatgtg tgacctagca    180
ttggcactga gtctgtggat tcaggctcag tgctggatgt ttgacctgac attagcagtg    240
agtctgtgga tccaggctca gttccacaga ggttgtataa acatggtctc aggtgggttc    300

<210> 557
<211> 266
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(266)
<223> n = A,T,C or G

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<400> 557  
 cgtgttgccc acgttggtct tgaactcttg acctcagggc tcccaagggtg ctgggattac 60  
 aggcggtgagc caccgagtct ggccttgga gttatttttc attacttttt gttttttttg 120  
 gacnagggtct ggntntgtan nccagggtgg natgnagntn ntgnnatnac agatnnntgn 180  
 nnggntcaac nnggnaagan nngatgnggn ttcncggggg nntngnnann aantngtnan 240  
 tnnnnnnaan gantacatga agntag 266

<210> 558  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 558  
 aaaaatacaa aaattagcca ggcattggtg cacgtgcctg taatcccagc tactcgggag 60  
 gctgaggcag gagaatcgct tgaacctggg aggtggaggt tgcagtgggc tgagatcacg 120  
 ccattgcact ccagcctggg cgacagagtg agactctgtc tcaaaaaaaaa aaaattatga 180  
 aaaaagttaa gggattaaag aaagtcagga taaaaatttt aaaaagcagg ccantgtcag 240  
 caaagcctgg aaaattgggg ccggagggtc ngcccccatc atnggcctgc cacccttcc 300

<210> 559  
 <211> 265  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(265)  
 <223> n = A,T,C or G

<400> 559  
 gaggcattcca aaggctcctg agacacatgg gtgctatttg ggttggnggg gangtgtgtg 60  
 aggtctgnaan tgnctctnt tattaggcta tntctanctt nccattnact ganttcactc 120  
 aanactgcnn natnnctatn aannantaan ntaaacntc ttaggtcant antantnctn 180  
 nantganttt catcantatn cctnnacnng ttcttngtt annagatan cnttaacntt 240  
 attnnacnga gaaantctct tctaa 265

<210> 560  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 560  
 agaagaaaagc attagcaacc ttgatgccat gacaatagaa actatccaaa ataaggcaca 60  
 gagaagaaaag tggaaaaaaa ggcaaaaagg aaaacagagc aacagataat gtgagacaag 120  
 gtcagatagt ctttatgtat gtgtaattgg agtccccagg agatgtgaga ggaaaaagag 180  
 ttgaaacaat catagacaaa atatttcac gtttgatgaa aactatatta gttgtgtatt 240  
 gctacctaac aagttattcc aaaaatttag tggcttaaac aaaacatcca ttatctccca 300

<210> 561  
 <211> 300  
 <212> DNA

<213> Homo sapiens

<400> 561

gccacctact gcgtcttggc catggagaag aagagctgga gacagagaaa gatttcagca	60
gaatcctcag gatggattta gccgactaaa acgatggatt atgattggcg atcatcacca	120
gttacctcca gttattaaga acatggcctt tcaaaagtac tcaaaccatgg agcagtctct	180
cttcactcgc ttgttcgcg ttggagttcc gactgttgac cttgatgctc aaggagagagc	240
cagagcaagc ttgtgcaacc tctacaactg gcgatacaag aatctaggaa acttacccca	300

<210> 562

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 562

attaaaaaga aagctttatg tagttatgca tgtcagtttg ctatttaaaa tgtgtgacag	60
tgtttgnatc attaagagtg aatttggcag gaattcccaa gatggacatt gtgcttttaa	120
actagaactt gtaagacatt atgtgaatat cccttgccaa ttttttttat aataagaaaa	180
catctgacta aagtcaaaga atgatttctt atggtttatt ttgatgaaag ttcttttaac	240
atgtcttgaa tgtacacata aaggaatcca aagctttcca ttctaactta atctttgtga	300

<210> 563

<211> 300

<212> DNA

<213> Homo sapiens

<400> 563

gtgacattgt gattgcaaaa agcccaagtg atccaaaatc aaatatttgt aaaagagtaa	60
ttggtttgga aggagacaaa atcctcacca ctagtccatc agatttcttt aaaagccata	120
gttatactat agtgataaaa acctgtgcta cacatccatt tctcagcaac ggctcctagg	180
ataatcaatc atggcatact gctaattgcct tgattgcagc tgatatggag gaaatatgtt	240
tactcttttg ctaaagtga gttcactgcg gaggtgccaa tgggtcatgt ttgggttagaa	300

<210> 564

<211> 300

<212> DNA

<213> Homo sapiens

<400> 564

gcccagatga ctttttcagg ggtaacaccc cagctgcttg agagaacagt gttgctgctg	60
gcagagatgc attccagaga tgcactccgc tctggaactc actctcagcc acaggagact	120
gcatgcacca caggggcaat gcaccttgc aggggtacct tctggcccca acccttgact	180
caacggggac aactccagaa ggtcattcca gateccagaga tccccatcga actgaaggat	240
cactgggttg cagacacatt gcaggtcagc ttcttctctt gcccagtcct gcctcactcc	300

<210> 565

<211> 289

<212> DNA

<213> Homo sapiens

<220>



<221> misc\_feature  
 <222> (1)...(289)  
 <223> n = A,T,C or G

<400> 565  
 atcatgactc actgtagcct tgacttcttg ggctcaggcg atcctccac ctcagcctcc 60  
 tgcatagctg ggactacagg catgtgccac cacacctggc taatTTTTTgt atTTTTTTTT 120  
 ttnggnaaaa acncggtttt gccngtngc cnaggntggc cttnanctcn ngggctaaan 180  
 caatcnattc acnagnacct ntnaaagggc tggnatnacn ggcntgaccc cntgcantng 240  
 gccgacnttc aatTTTnatg aataaaaacnt acntngnaaa ntaaggggg 289

<210> 566  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 566  
 gTTTTataag tggagtcttc agggaaatgat tatttgggaa ttaggctttg aaagagcctc 60  
 agctgtgttc caccctctcc aagaattcag gctgttattt ttcaaggctg ccacagaggt 120  
 ggggagtggg aaatgagact agtaagttaa aatactacaa agcttgctgt tcttacagaa 180  
 attcagccat ttttcttgaa taaacacttc catggattgc tgcaagcctt gattaattgc 240  
 cagaatctga aatggttgct tttgacagtt ttttcccat aggtttttgt tgcttttatg 300

<210> 567  
 <211> 299  
 <212> DNA  
 <213> Homo sapiens

<400> 567  
 tttttttttt ccaattctgt tcttttcagc ttaggaacct tagtacatgc agtttcttct 60  
 acctgaaggg ttcctcatcc ctttacctga caccacactc tgactcaggg ctttcaaact 120  
 aactaaagcc taatcttctg ggcaaagttt gctttttaat ttttttttca acaattgctc 180  
 aaagagtagt tgttttcata attaatccaa aattgtccta agaaaggcca tcatcacagg 240  
 gggcaaagtt taacatcatt tctgaaaag ggttatcata ccccccaaat aaattaggt 299

<210> 568  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 568  
 ctaatgtgct ataaattctt ctgagcttgc tgtggctaatt ttattaattt aaaaagtatt 60  
 ttttgtcttt cttaggcctc cttgaatcta gtcactctag agatagaata cacaatcttg 120  
 tctgatggtt ttacttgca actcacaatc ttgtttggtg gtttagttgc aggtttcaga 180  
 gattagaccg tatatatcta aatgctggga tcatgcctaa tccacaacta aatatcaaag 240  
 cacttctctt tggcctcttt tcaagctgaa ggctgctga cccaggggtga taagatcact 300

<210> 569  
 <211> 293  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(293)  
 <223> n = A,T,C or G

&lt;400&gt; 569

```

gccctggatg gaggacaaga gtttggtagt caatggcaac agtaccattc aaaaatagat      60
gatctgatcg acaacagtgt aaaagaaatc atttcactgt tagtttcaaa gtttgtttca      120
gtgttggaag gcntgtngtc tannctgtna aggttttatt nnntnacttt nttatctnnc      180
ntnttttann tcnactntta aattaatnnt tttntttggt atttncatat tttttctnt      240
tatttttttt cntntttttt tttttntnt nttgnntttt tnatantttt aat      293

```

&lt;210&gt; 570

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 570

```

gttctccctt atctgatgct cactgtggcc ttgggcagcc tggcatcgag aattctcagc      60
atgttcactc ttgagttctg tgcctgcac acacagcaat ggaacagtcc caaaagattc      120
ttaagggtgg ggaaaggcac taagaaaaga tgaacctgca gtccctgtta taccatctgg      180
tctaattgat actactgttg tcaagcaaaa ggagctctct ccctgaggca ctggaagcca      240
atattttgac accagggttt tgagaaagaa aagtttttta ttgtaagttg actcacaaga      300

```

&lt;210&gt; 571

&lt;211&gt; 276

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(276)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 571

```

gggtggcaag ccaccaggt gccgaggcaa gagaccgaga gcacgagctg ttccagtgt      60
ataaaatata taaaataaca agagttatag tgatatagct catagatatg attatatata      120
aataccatta atcattagtt tgtagtaatt actctttatt caaatattat aatnntnctc      180
actctncaat catnacctan atanngctng natttgnaan natnntanct gtgnntacat      240
ggtgttaact gtttanttcc nannattcnt tttttt      276

```

&lt;210&gt; 572

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 572

```

gaaagattga agaagttcat cttcctgtag aaaaagtaga tgttatcata tctgagtgga      60
tgggctatct tcttctgttt gagtctatgt tagattctgt cctttatgca aagaacaaat      120
acttggaaga aggaggctcg gtctaccctg acatttgac tatcagcctt gtagcagtga      180
gtgatgtgaa taaacatgct gatagaattg ctttttgga tgatgtctat ggcttcaaga      240
tgtcctgcat gaagaaagca gttattccag aagctgttgt ggaagtttta gatccgaaga      300

```

&lt;210&gt; 573

&lt;211&gt; 257

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(257)



<221> misc\_feature  
 <222> (1)...(296)  
 <223> n = A,T,C or G

<400> 577

aagattgggg	taatactgaa	tgtatagttt	ttaggggggtg	aaatttagct	gtataaatca	60
taggctgttg	acatttgtga	ttacttcatt	gctaagtttt	acatatagga	gtcttcatac	120
tttgtttcag	ggacagaatg	atgctgctga	aattggaaca	agaaatttta	gatttcattg	180
gtagtaatga	gtnagtcctg	acnttnnnna	gatnttanat	tgggntccca	ttctccttgn	240
cttctanent	ggantntnnt	ttnttttngn	ttnnnccntn	nnntttnttt	ttgctc	296

<210> 578  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 578

ggcttctgca	accaggaccg	gaggacactc	ccgggggggc	agcctccccc	ccgggtgttt	60
ctggccgtgt	ttgtggaaca	gcctactccg	tttctgcccc	gcttcttgca	gcggctgcta	120
ctcctggact	atccccccga	caggggtcacc	cttttctctg	acaacaacga	ggtcttccat	180
gaacccca	tcgctgactc	ctggccgcag	ctccaggacc	acttctcagc	tgtgaagctc	240
gtggggcccg	aggaggctct	gagcccaggc	gaggccaggg	acatggccat	ggacctgtgt	300

<210> 579  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 579

tcctattgta	aaatcacttg	ctaaggctca	tgagaggcta	gaagattcca	aactagaagc	60
tgtcagtga	aataacttgg	aattagtcaa	tgaaattctt	gaagacatca	ctcctcta	120
aatgtggat	gaaaatgtgg	cagaattggt	tggtatactc	aaagaacctc	acttccagtc	180
actgttgag	gcccattgata	ttgtggcatc	aaagtgttat	gattcacctc	catcaagccc	240
agaaatgaat	aattcttcta	tcaataatca	gttattacca	gtagatgcca	ttcgtattct	300

<210> 580  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 580

ccctatctta	tgagaaaagt	aactttgaaa	ggactaatac	atcctgttct	tagcttctgc	60
ttccttcagg	ccttctctat	gaagccagcc	tattctgctc	agcgctttgg	aacactgatt	120
ctatttcag	gaccgaagca	ttgccaatt	gtagaattgc	aataaagcca	actgagatct	180
ttaaattggc	tataattcat	cctttggcaa	tacagtataa	aaaaaaaaatt	ctcacaattc	240
tgtaaaaggg	tatgagatat	acaataaaa	acacccccac	cctctgcaat	ctaccactca	300

<210> 581  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 581

caaggctc	gccaaagtgt	gattggaaaa	attcaaaaaa	ttgcaacctc	aggcataaat	60
gggttaagga	catccaagc	ccaagtggta	cgtgcctcac	tcagaactga	cgggccgagt	120
tctatctagg	tgtgtcttcc	agaacctgtt	tacggctaac	tggataactg	agagacttgt	180

catttctaaa gacatttaag ttgctccagg gatttctgaa aaaagacaca ggcttcttcc 240  
tagagccagc cctatataac atgccacaaa gggcaacagt tatcacagtt catacacacc 300

<210> 582  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 582  
ccaagacctc cacggccttg tgtcaagaaa tctccacaaa gtgacagtga atgatggagg 60  
gggagttctc agagtcatta cagctgggga ggggtgcattg cctcatgaat tcttggaagg 120  
tgtggaggga gttgcagggtg gttttatata tactattcag gaagggtgatg ctctcttaca 180  
caaccttcat tctcgccctc aaagacttat tgatcatata aggaatctcc atgaggaaga 240  
tgccttactg aaggaggaaa gcagcatcta tgatgatatt gtttttgttg atgttgtcga 300

<210> 583  
<211> 291  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(291)  
<223> n = A,T,C or G

<400> 583  
ctgcctcagc ctcttgagta cgctgggatt acaggcgtgc accaccatgc ctggctaatt 60  
tttgtatttt tagtagagat ggggtttcac aatgttgccc aggttggtct cgaaccgctg 120  
accttaagcg atccgcctgc cttggcctcc ccaagggtgct ggaattacag gcatgagcca 180  
ccgtgcccgg ctgacttttt tttatcttat ttctttgtga cacggggatg tgctcaanct 240  
tccaggtcgg antgcaatgg cnnncatgg ntcgntgaen tcaatctgct g 291

<210> 584  
<211> 284  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(284)  
<223> n = A,T,C or G

<400> 584  
agagtgaaga cccctctgct acaaaaaata gaaaaaccag ctggggcgtg gtcgcgctca 60  
tgtatagacc agctgctgga gagactgagc tgggaggatg gcttgagccc aggaggccaa 120  
tnntgtnggg agctgnggtc gtacnactgt actctaactc ggncnactcg ancacgannt 180  
cntntcnat nactnntntc ngtgtntttt gngnttttcc ntntnttggg ntntntntnc 240  
attgttcttn cntnctna ttgtganang ntcnttctc cctt 284

<210> 585  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 585  
gcagtcaggc agtgactgcc ttcggctttt tttctgctga ctaagatctc ctatagagag 60

```

ctacaacaat gcccaaaaga aaggctgcag gtcaagggtga tatgaggcag gagccaaaga      120
gaagatctgc caggttgtct gctatgcttg tgccagttac accagaagtg aagcctaaaa      180
gaacatcaag ttcaaggaaa atgaagacaa aaagtgatat gatggaagaa aacatagata      240
caagtgccca agcagttgct gaaaccaagc aagaagcagt tgttgaagaa gactacaatg      300

```

```

<210> 586
<211> 298
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (298)
<223> n = A,T,C or G

```

```

<400> 586
ataagaaatt gtcttgcccta agattaaata tatatggata tttttcctaa gaaaagtttt      60
agaaaagact gatgagtgtg tttctatgta attggaatat atttaaggtc atnccgnntg      120
ggnnnnanatt nttctnctca cactcagggn cntnggggan naacnccngt tggnggaaga      180
nnnccnngnn cnacntgtgc agcanctatc ccttttcttc acggcngntc tccnngnacc      240
tcctcgcnnt nttnnngcnt cccctggngn nncctctgncn nccctccnnc attcctga      298

```

```

<210> 587
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 587
ggaagacaca ataattttta attgcctaca gcagggggtg gcaaatagtg gtgcaagggc      60
cacatctggc tagcagccta tttttgagaa tgaagtttta tgagaaccca cacatctgtt      120
tgtagattgc tatggctgcc tttgagttac agcagtgagg ctgagtagct gtgacagaga      180
ctatatgacc tacaaaaact aaaaatattg gtcctttaca gaaaaagttg tctgacccct      240
ggcctactat ttcaaatcct gggtaggtcc tccacgtcag ttcttcatgg aactgtattg      300

```

```

<210> 588
<211> 290
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (290)
<223> n = A,T,C or G

```

```

<400> 588
gtccagcatt atggagtga cgtcagctcc aggaagcaga gacttctggc cctttgttca      60
ccatttcccc agaacctagg gtggtgactc acctataagt gctcaaaaaa catgtggcga      120
atggaggacc agagctaggc tctgaatgag gcctcctgga tctcacgcag gggatggaga      180
gtaaggacca gccctctac ctcagtcttt cttcctgctg nctcgtanga gcccatatnc      240
ttntgtcctg agcangncan annctgnagn nctgccttga caggatggct      290

```

```

<210> 589
<211> 300
<212> DNA
<213> Homo sapiens

```

<400> 589  
 ggaaatcatg aaggaaggca agcagtttca ccgtagtagt acataccatc gccaccttta 60  
 tgatatccac gtgactgttc agccaaagta taaacacgtt tatectaaga actctgtagt 120  
 aagaaaaagc catttgtagg gtgcttaagc ttgtttgtaa aatggcctac ttgaagtect 180  
 catgaataat gaggggtgac ttccatttgc ttgaaactta aggaagtgtg tgcctataaa 240  
 agttactgca attcagtatt tctttatatt ttccgagaca gagtctcaat ctgtcgccca 300

<210> 590  
 <211> 296  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1) ... (296)  
 <223> n = A,T,C or G

<400> 590  
 ggcgggcgaa tgtagtctca gcctcccgag tagctgcgac tacaggcgag tgcctccatg 60  
 cccagctaatt tttttgnatt tttagnnann nnggcgnnca atcctgttag aaactgttgg 120  
 agctgcgccc aggcactgac cctgccaccc tctactgcat taacttcanc cagcactect 180  
 ccttctctcg cgcttccagt gataagggta ctgtccatat ctttgctctc aaggataccc 240  
 gtcttaaccg ccgntccgng ctngctcncg tgggcaangt ggggctatga ttggca 296

<210> 591  
 <211> 279  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1) ... (279)  
 <223> n = A,T,C or G

<400> 591  
 ggcaagccct ggatgaaaac atggacctct tggaagggtat aactggcttt gaagactctg 60  
 tccgaaagtt tatctgccat gttgggggca tcanttanna tgcctngnc cggtgactgn 120  
 tgntntnaga ggctctgngt tcctnnaggg nnanctentt atanantctt gtntctnnng 180  
 tcttatcagc annntgctnt ataactctnt gtacctnccc ntttggttna gnactnnnnc 240  
 canataagna ttgatgcta nctctcntat ntttattgc 279

<210> 592  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 592  
 gtgaaagcgg ggcttcacga tccttctgac cttttgggtt ttaagcagga ggtgtcagaa 60  
 aagttaccac agggggccaga acttccacct tgtggtcaat tgtttcaagt gtgtgaccat 120  
 acttgtaag aaagtcaagt cttaccagat aactgaaaaa cagctccaag ttctactggc 180  
 ctatgctgag gaggacattt atgatacttc aagacaagcc actgcctttg gtcttctgaa 240  
 ggcaatttta tcaagaaagc tggttggtccc agaaatcgat gaggtcatgc ggaaagtatc 300

<210> 593  
 <211> 300  
 <212> DNA

<213> Homo sapiens

<400> 593

gtcggctctt cctatcattg tgaagcagaa ttcaccaagc gttggattgt tcacccacta	60
atagggaaacg agagccgaac agctgaagag agttcactga ctccccagcc ccagggtgggc	120
cttgtgcaca tcatgaccag ttttgaagat gctgacacag aagagacagt aacttgtctc	180
cagatgacgg tttaccatcc tggccagttg cagtgtggaa tatttcagtc aataagtttt	240
aacagagaga aactcccttc cagcgaagtg gtgaaatttg gccgaaattc caacatctgt	300

<210> 594

<211> 300

<212> DNA

<213> Homo sapiens

<400> 594

ggaagaaaag tggcagcatg aacagtaaga gaatcattac aggctgggtg cagtggctcg	60
cgctgtaat cccagcactt tggtaggctg aggccaggag tttgagacca gcctgggcaa	120
catggtgaaa ccctgtcctt acaaaaaagt taaaaattag ccgggatgtg ataccttgtg	180
cctgtgttcc cagctacgtg ggaagctgcg gtggaaggat tgcttgagcc tgggagatcg	240
aagcttcagt gaaccgtaat tgcaccactc ccttcaggc tggaggacag agcaagacc	300

<210> 595

<211> 297

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(297)

<223> n = A,T,C or G

<400> 595

ggatgggacag cccaccatgt gttcagatgg gatattatgg tatttttcat gtggnattgc	60
ctggnatggt ttatattnnn cnnnnntttt tacangggnn tngtattgtt tcttannttn	120
cntgtttttt cgnattntna tnttnncttn nttttnttn tntntnttn tttngnntna	180
tnttnntttt gattcttcta tttnnnttcc nttnnnttn tccttnttag tnnattntnt	240
tttntttnc attgtnnngt ttnttnattt tttttttta ttnatatttt ttaatta	297

<210> 596

<211> 265

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(265)

<223> n = A,T,C or G

<400> 596

ccctgcagac ttcttcttgg acatcattaa tggagattcc actgctgtgg cattaaacag	60
agaagaagac tttaaacca cagatatcat agagccttcc atgcaggata agccactcat	120
agaaaaatta gctggagatt tatganntct ccttctttnn cnnagagact ttagctnnnt	180
tacatntnct tttngtnnt tnanntaann tntttnnncg nttttttatt ntgggntttt	240
atttttgttt tattttttnn tnnat	265

<210> 597



<211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 597  
 tccgcaccca ccgtggtgaa cggggcccgc caccaccacc atccactctg ctgcggccac 60  
 ataaccacc tggcccagta cccatggccc ctgcaccccg agttcggggc cagccttctg 120  
 gaccagcca gcccacgtg tgtggcttct gtgggaagga gttcccccg agctcagatc 180  
 tgggtcaaaca caggcgta caacggggg agaagccata caagtgtgca gagtgtggca 240  
 aggggttttg tgacagttct gcccgcatca agcaccagcg tgggcacctg gtcctgacgc 300

<210> 598  
 <211> 279  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(279)  
 <223> n = A,T,C or G

<400> 598  
 gagaccttga caagaaagat gcatcaatca acatagaaaa tatgcagttt atacacaatg 60  
 gcacctatat ctgtgatgtc aaaaaccctc ctgacatcgt tgtccanct ggtcacatta 120  
 agctctatgt cgttnaaana nanantttgt ctgtntctann ngttttttnn tttntnggtn 180  
 ntccangtct ttaagnanct ctntnttgn ctcatntttn ntgctnctn atcntgtggn 240  
 agnctctng tntntctann tntnnnttt gatctttt 279

<210> 599  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 599  
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 gaggctccta nngngattca tangctannt nnggcncat gactgagcgc ntnaccnttn 120  
 cnnngnccct cngcgtccta ngcggtggn taaccatata cgtactacc ccgcanttec 180  
 cggacatgat cctctccgcc tctcgagcct ctagaactat agtgagtcgt attacgtaga 240  
 tccagacatg ataagataca ttgatgagtt tggacaaacc acaactagaa tgcagtga 300

<210> 600  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 600  
 gctgattgag aatagtcgag atgacaccac ttgggtaaaa ggacagctcc aggaactgag 60  
 cactcgtgag gacactgtct gtaaaactctc tgtttccaaa caaagccggc ttgagcaggc 120  
 cttaaaacaa gcggaagtgt ttcgagacac agtccacatg ctgttgaggt ggctttctga 180  
 agcagagcaa acgcttcgct ttcggggagc acttctctgat gacacagagg ccctgcagtc 240  
 tctcattgac acccataagg aattcatgaa gaaagtagaa gaaaagcgag tggacgttaa 300

<210> 601  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 601  
 gtattaaata agatgtcttt aaacagaaac acacatatat gtattgattg attaatgagg 60  
 ctctcaggaa cctgactctg tgtttcccct aggagcagtg tttcagtatt cactaatcga 120  
 gtgttcattg tgactttata gaaccactgc aaatagtgag aattaactat acatatatgt 180  
 ttctgtgtgt acgcacatgt gtgtgtatgc atacttgtct ctaaacadat gggattatac 240  
 tctgtgtctg ttttgctctt tatgtcatta tgtatactat ataagtatat ttttacatta 300

<210> 602  
 <211> 299  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(299)  
 <223> n = A,T,C or G

<400> 602  
 gaagtgaatg aaaagaaaga cagagttaca gatgccctta atgctacaag agctgctgtt 60  
 gaagaaggca ttgttttggg aggggggtgt gcccttcttc gatgcccttc agtcttgagc 120  
 tcattgactt cagctaannn anntnantan atcnntagnn tntcacttt tnttttnnan 180  
 anaggcctnt ttttntnnn ncnttgntt ttctttgggt cnnctntnt nntttnnnc 240  
 ntncctcttt tgnntnaann tctttnnntt annttctttt natttgtttt ttgggtctt 299

<210> 603  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 603  
 cagagaaggg acagaacctg acttcaaaat ttaatatagt aatcaagaaa gtatgggatg 60  
 ggtgagagaa tagacaaaata gatggaataa aatagagatt ccagaaagac ccacacaact 120  
 agagtcactt gatctttcaa aaaggagcaa aggcaattca atggagaaag gatggtcttt 180  
 tcaacatggt gctgtaacaa ttggacatcc acatgccaaa aaaagatgaa tctagacacc 240  
 ttacatcttt caaaaaatt aactcagatc atagacctaa atgtgatgta caaaagtata 300

<210> 604  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 604  
 gagccatgag agcagctcgt tcccttgagg aaagaactgt aacagaactg atattacagc 60  
 accagaaccc tcagcagttg tctgccaatc tatgggcccgc tgtcagggct cgaggatgcc 120  
 agtttttagg gccagctatg caagaagagg ccttgaagct ggtgttactg gcattagaag 180  
 atggttctgc cctctcaagg aaagttcttg tactttttgt tgtgcagaga ctagaaccaa 240  
 gatttctca ggcatacaaa acaagtattg gtcattgtgt gcaactactg tatcgagctt 300

<210> 605  
 <211> 296  
 <212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(296)

<223> n = A,T,C or G

<400> 605

gtaaactgta tatctgtaat atgaatccca gcttttgagt ctgacaaaat cagagttagg	60
atcttgtaaa ggaaaaaaa accggaccaa aatggagatg agtacttgct gagaatgaat	120
gagggaggga gttggcattt gttgaaagta tagtcttttt ctcttttttt ttnaatngca	180
ncttttactt taaatttagg aggtcagtncc cagggtttgt tncatgggta tattgggnga	240
tgctganctt ggnatncaaa ngatcctgtg acccagggtan ngagtntang ccccca	296

<210> 606

<211> 297

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(297)

<223> n = A,T,C or G

<400> 606

gtcaaatga agggcaatga catcagcagt ggcacagtcc tctccgatta tgtgggctcg	60
gcgncttccn tggncgcagg ctttcatcgn tatgtntgtc tgtngtattn tcncttntng	120
nttntnnntn tntgntgttt tttngtnctt tttttctgct ntntnntcct tntttntnc	180
tntcaggnnn ntttntnctt ttcttantnn ttttttcttt tttttggnnt tnttttttta	240
tntatgtngn tttntttgtt tntannntnt tntgnattcn attgnntatn gctattt	297

<210> 607

<211> 300

<212> DNA

<213> Homo sapiens

<400> 607

ggatctgttt ccagtaatag tattcttttt tgttccacaa atcatagatg tcaccattga	60
accttctgaa gagcctttat ttcttctgta tgaattgtat ggaatagttg gtgctaacct	120
taagaggagc tttgatgtcc gagaggtcat tgctagaatc gtggatggaa gcagattcac	180
tgagttcaaa gccttttatg gagacacatt agttacagga ttgctcgaat tatttgggta	240
cccagtaggt atcgttggaa acaacggagt tctcttttct gaatctgcaa aaaagggtag	300

<210> 608

<211> 293

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(293)

<223> n = A,T,C or G

<400> 608

cagagaaggg acagaacctg acttcaaaat ttaatatagt aatcaagaaa gtatggtagt	60
ggtagagagaa tagacaaata gatggaataa aatagagatt ccagaaagac ccacacaact	120

agagtccact gatctttcaa aaaggagcaa aggcaattca atggagaaag gatggtcttt 180  
 tcaacatggt gctgtaacaa ttggacatcc acatgccnna taaagatgaa tctagacacc 240  
 ttacatcttt cacnaaattt aactcanatc atatnaccta ntgtgatgta cct 293

<210> 609  
 <211> 267  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(267)  
 <223> n = A,T,C or G

<400> 609  
 gacggaagta aattatgatg tccaggggga gatggaggat aggacgtatt tataataggt 60  
 atatagaaca caagggatat aaaatgaaag atttttacta atatatattt tatgggttgca 120  
 cacngtacac accagaagat gntaaattnn ttgtggcat ttaannctnt ctnnnnnntt 180  
 antgcnntn nnetctaatt ttttttntt ttgtcnttn ntntcnaag anntnatntn 240  
 ntnnngatnn ntntntann tttcctt 267

<210> 610  
 <211> 294  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(294)  
 <223> n = A,T,C or G

<400> 610  
 gtcgccttgg gcgggagctg agcaaagtga tcattgttga caattcccct gcctcataca 60  
 ttttccatcc tgagaatgca gtaagtggcc ccaaagaaag aaaatgtcgt gctccatctg 120  
 agccctctgt cttgccaggc aggtaccact tttagcacc tacacaagaa ggtctctggg 180  
 ctttttcta atgaaatccc agctctgcca tttagcagtt gcgtgtcatt gaccaagtta 240  
 ttaacctca ctgagcctcg gntgcctnat ctgcanatgg gaattatagg aatg 294

<210> 611  
 <211> 297  
 <212> DNA  
 <213> Homo sapiens

<400> 611  
 ttaaattctta cttgatcatt tagagttttg cttttataaa caagcctttt gatacagagg 60  
 cagaagccag tgaaaaatac ttttatagag atgaggtcct tttattttat ttttttatag 120  
 agacaaggte ttgctatgtt gcttaggctc caaccctgg cctcaagcca tcctcctgct 180  
 taggcctccc agagtgctag gattataggt gtgagctacc gtgctcaact gaaaaatagt 240  
 ttagaagaca gtctactcg acaaatattt tctttttctt ttcttttttt ttttttg 297

<210> 612  
 <211> 262  
 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1)...(262)  
 <223> n = A,T,C or G

<400> 612  
 ctccgggctc caggctggct tgcccgcgct ctttcttccc tcgtgacagt ggtgtgtggt 60  
 gccggaaaagg gtgatggact tagcattcac agacgacacc acacaccact gtcaaataaa 120  
 cagctatttta agggggaaaa aaaaaannaaa aaaanaaaaa aaaaaaaaaa aaaaaacana 180  
 aaaaaaaaaa tnaaaaaanna antnnnaaan canaananna atnntanaca aanaaaaaan 240  
 gaggtantnn nnnagcnnac nt 262

<210> 613  
 <211> 280  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(280)  
 <223> n = A,T,C or G

<400> 613  
 gattctttcc caggccacaa gacattttct gtcggaacc ttgtttacta atttccactg 60  
 cttttaaggc cctgcactga aaatgcaagc tcaggcgccg gtggctgatg ggaccctttg 120  
 tggagtctgn gatgntatag gtttattcna nancnttata ngctanagta aannagttaa 180  
 caanaacnnt ngnattcatt ttatgttnca gggtcagggg gaggtgtggg aggtttntnn 240  
 nnnnnntnat ngnnnnnnnt nnnnnnanat nntttttttt 280

<210> 614  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 614  
 ctcatctcta ccaacaacaa caacaacaaa attagctggg tgtggcagtg tgtacctgta 60  
 gtcctagcta cttggcaagc tgaagtggca gcattgcttg agcccaggag ttaaaggctg 120  
 ctgtgaatta tcattgtgcc actatacttc agccagagtg acaaaggaag accctgtctt 180  
 gaaataaaaa ttttttaata aaattaatta actttagtta ctataacatt ctttataacc 240  
 tttaaaaaat tttaaatttt tgactctttt tgtaataaac agcttaaaac acaaacacat 300

<210> 615  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 615  
 ggcaggagga tggcttgaac attggaggtc gaggtgcag tgaactgaga tggcaccact 60  
 gtattctggc ctgggtgaca aagtgagact ctgtctcaga aaaaaaatac tgtggaaagc 120  
 ctctatgtcc caatatgaaa caatctcctg gatatactct tgtggaaaaa agcaacgttc 180  
 cacagagtat atgtagtaag ttttatctat gtcagaaaga aggagaaata aaaatatgtg 240  
 tatgtatttg catatttttg taaaaggtag acacaggaag gataaaccaa aaatgcaaat 300

<210> 616  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

&lt;400&gt; 616

gccgacctgt	gggacctgat	ctttctctgg	ggtagggccca	tcctgggcac	tcgagggggc	60
tgagcagtgt	cgctggcctc	cgctactttt	atgccaggag	caccttagt	catgacaatc	120
acaaatggcc	ccagacatca	accagtgtgc	cctggagggc	agagtctccc	ctggtgagac	180
ctccattcgg	tcaactcctc	cacccccagg	gccacgctca	aagcctgtcc	cagaggagat	240
cctggcctcc	gcctgatctc	ctctgacctt	ttacaaaagt	ttgctgacct	ctgacttaag	300

&lt;210&gt; 617

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 617

cagctcctcc	accagcataa	tgggacctag	catccctgcc	aaaactcggg	aggtgctcgt	60
cagccacctg	gcatcttaca	acacatgggc	tttacaaggc	atgtatggag	tttcttgggt	120
gcttggcagg	tggctgtgaa	ggccatcagt	gtctgaagcc	tgtacttgcc	cctccccagg	180
tcctgtgagt	ggagaggcac	agagtgttct	gggctagctg	agtgtggagg	ctgggtggct	240
ctgatgctag	ccaatcactc	tacgctctag	gtcacacctt	ttccaccttc	gacttcgcca	300

&lt;210&gt; 618

&lt;211&gt; 299

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(299)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 618

ttttttgcct	tttacctggt	cccttgatca	tgagtttttag	ctcagataac	caggtattttt	60
gaagacgtga	ttgtccttgg	ccctgcccc	tccttccct	ttaaagggtt	aaatntnnnn	120
cntgccntnc	ctntgncng	aatnccnnna	tacnctgcan	gccttcctgg	gcaacancac	180
actgagcaga	ccannangaa	acctnggggg	ctttgacctt	gtggctctctg	atggcttngg	240
gggtgnntnt	gngtccang	acaaccggnt	annctgnant	gncgnttcct	acctatgcc	299

&lt;210&gt; 619

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 619

ttgaaattac	aaatcacgca	actgcaacac	tagaaggcaa	tcagattttt	aacaaccggt	60
ttggaggctt	attttttagca	tctgggtgta	atgtgacaat	gaaagataac	aaaataatga	120
acaatcaaga	tgccatagaa	aaggctgtta	gtagaggcca	atgtttatat	aaaatatcaa	180
gttataccag	ctatcccatg	catgatttct	acagatgtca	tacttgtaac	accacagatc	240
gaaatgccat	atgtgtgaac	tgcattaaga	agtgccatca	gggacatgat	gtagagttta	300

&lt;210&gt; 620

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 620

taagggattt	gtggcatacc	atcaagccaa	cccattatac	acattatgga	aagttcacaa	60
gaagaagaga	gaaaggaatg	ggcagaaagt	ttacttaa	atgtgaccaa	aacttcccaa	120

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atctgggaaa gaaaatggac atccagattc aagaagacta aaggacccca aataagatca      180
acataaacac acaccaagac acattataat aaaattgtca aactctcaa gacagtaaga      240
gaattttgaa aacaagaaaa aagtgacttg tcgtgtacta gggaacacac atcagactat      300

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<210> 621
<211> 268
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(268)
<223> n = A,T,C or G

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<400> 621
gagcagggat cttataaagg gccagaaata agatgtgtgg ttcacataga tagtgagcgt      60
aacatctgta ttaaacatag gatagaagnt ttttttngnn nttgattnct ccnctngntn      120
cngttntntt ctngggttnn gtctntnttn tnactttntt tnttatnttn ngctctnttt      180
ntgcttctnat gcttntnttt ntntttnttt atttnnccct cnnntntttt nttttttttt      240
ttntngtttn ttnccctc tnnntntt

```

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<210> 622
<211> 300
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(300)
<223> n = A,T,C or G

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<400> 622
gataacagca gcctccgctc tctcattgag aagcccccta ttctcagtag ctcttttcaat      60
cctatcacag ggaccatgct ggccggttc cgcctccaca ctggcccgtt gccggagcag      120
tgtcatgtga tgcatattca nnctgccnaa nggangaata ngcgccangcg cntanagtag      180
gcggcccnng atcntgggcc angagaaana cgnncnagat gngagnnga cnagnngnng      240
aatngggggn anganagtgg tgnngnannng gagnngagnng nnagcggggnn gagggggagg      300

```

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<210> 623
<211> 300
<212> DNA
<213> Homo sapiens

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```

<400> 623
ctgccttcca acaaaatcgt caagcgggca gaggagttag tggggcagga gttgccttat      60
tcgctgacca gtgacaactg cgagcacttc gtgaaccatc tgcgctatgg cgtctccgcg      120
agtgaccagg tgcatttcca gcctgcattc ccttcccagg agccaggcca ctccctcagc      180
tgccagaggc tgggtccctg ctggggccag ggtgggatgg aaatagacat gagcaagaca      240
aaatagcaga tatgaaactg ttgtccttga ggggtgtcaca tttggggtgg ggacaagggt      300

```

```

<210> 624
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 624

```

```

gcacaatgtc taccagaga tgtttgttcc tgacctgaag cccaccttct atggtgccat      60
caagaacctc ggcaccaacc aatgcctgga tgtgggtgag aacaaccgag gggggaagcc      120
cctcatcatg tactcctgcc acggccttgg cggcaaccag tactttgagt acacaactca      180
gagggacctt cgccacaaca tcgcaaagca gctgtgtcta catgtcagca aggggtgctct      240
gggccttggg agctgtcact tcactggcaa gaatagccag gtccccaagg acgaggaatg      300

```

&lt;210&gt; 625

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 625

```

gtcagctcgg gcaagccctc cgagaagaac ctctacgccg acatcgacgc cgcgtggcag      60
gcgctgcgca cccggtatgg cgtgagtgcc gagaacatta tcctctatgg tcagagcatt      120
gggactgtcc ccacggtaga cttggcctcg aggtatgaat gcgcagcggg aattctccat      180
tccccctctga tgtctggttt gcgtgtggct ttcccgata ccaggaaaac atactgcttt      240
gatgctttcc ccagcattga caagatatct aaagtcacct ctctgtgtt ggtcattcat      300

```

&lt;210&gt; 626

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 626

```

taacttaaaa ctgccttttc aatttccagc atgtatagaa aatatgattc gactagaata      60
aagactgaag aagaagcctt ttcaagtaaa aggtgcttgg aatgggtcta tgaatatgca      120
ggtaggtatt catattgtatc atctaagact gatccttatg acaataagga gtaccttaga      180
gatgattaaa gaatttaaaa atgtgtacat ttcaaatttg ggtgtgtgtg tgtgtgtgtc      240
cctgttagag ggagagaggg acatagctgt aacaaatcac cagatagcct attttatagc      300

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&lt;210&gt; 627

&lt;211&gt; 278

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(278)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 627

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gccatgggca ctgtgagcct gggccagctc cccctgcccc ccatccctca tgtgttctca      60
gctggcactg gctctgccat cctgcctcat ttccatcatg cattcagata attgattttt      120
aaagtgtatt ttngtattc nggaanacgt atnatnanta ntentaattn ttataagatt      180
nnntttnggn nttttaannt ntgtantatn nntatnttnc nttntntatt tntannantt      240
ttntantntn tnannagttn ntnactnttn taatttta      278

```

&lt;210&gt; 628

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 628

```

agaaagcaga gtgtgcagtt gtgttgactc tttgtctccc ggtgataaac ccatgtgata      60
ttttaccaa gtagataatc aaaagaattg accaaaaaat attaaagcaa agcaaagaaa      120
caaaagggtga tactgccaga agtgaaattt gaatggaaca taaatggaat tacagaggaa      180

```



atagcaaaga gtgggaatgt tggcactgct gttgttccag tgactctaga tttgctgcca 240  
gacaaactta gtgaaagcat tgtgacataa aggatgaaca agtgacactg gcataagatt 300

<210> 629  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 629  
ggagaatcac ttgagcccg gagttctggg ctgttgtagt gcactatgcc aatcagggtgt 60  
ctgcactaag ttcagcgtca gtgtggtgac ttccttgggg actcccaggg gactgccaga 120  
ttgcctaagg agagatgaac tggccaggtc agaaatggag caggtcgaaa ctcccatcct 180  
gatcagtagt gggattgtgc ctatgaatag acactgtatt ccagcctggg caatatagca 240  
agatcctgtc tctaaacaaa ataaaacaaa acataaaaaa aacccttgt ctggaacaac 300

<210> 630  
<211> 268  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1) ... (268)  
<223> n = A,T,C or G

<400> 630  
gggtggcctg tccagctcag catccttggg agtggccacg tacaccttcc tccagcagct 60  
ctgtccagac tcgggcacaa tagctgcccg cgcccatctg cgtcattgcc ccatggctctg 120  
cctcagctnt gcgnntctga ccntagtggn gntnctnatt gnnnnncana ncccanctat 180  
cgtgangatn cttnnnttct gtttnngnca tngntatntg ntcttannat tgcatanntn 240  
tcnnngtntct tnttttntnt atnnnaaa 268

<210> 631  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 631  
gttcagtgtc ccccgaggatt actctggcta tcaacgggat ggatatcagc agaatttcaa 60  
gcgaggctct gggcagagtg gaccacgggg agccccacga ggtaatatatt tgtggtggtg 120  
atcctagctc ctaagtggag cttctgttct ggccctggaa gagctgttaa tagtctgcat 180  
gttaggaata catttatect ttocagactt gttgctaggg attaaatgaa atgctctgtt 240  
tctaaaactt aatcttggac ccaaatttta atttttgaat gatttaattt tccctgttac 300

<210> 632  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 632  
aaaaatatgg gctgggatta caggcgtgag ccaccacacc cagcctttct tttagtgtct 60  
taaatatatt ggccctctgc cttctggcct ccaagtttct gatgaaaaat ctgcttgtca 120  
ttttattgag gatcccttgt atgtgacaag tttcttccct cttgctactt tcaggattct 180  
aactttgcat ttcaaaagt agactataat gtgtctcagt gtgggtctct ttgagttcat 240  
tttacttggg gttacttgag ctgcttggat gtttatatgc atgtctttca tcaaatttgg 300

<210> 633  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 633  
 ggggtttcaa gaacgtgcct cttgggaagg acgtccgcta cttgcacttc ctggaaggca 60  
 cccgggacta tgagtggctg gaagcactgc ttatgaatca gacggtgatg tcaaaaaacc 120  
 ttttctgggt caggcacaga cccaggaag cttttcggga agccctgcac atggacaggt 180  
 acctgttgcg gacccagac tttctccgat acatgaagaa caggtttctg aggtctaaga 240  
 ccttgatggg tgcccactgg aggatatacc gcccacacac tggggccctc ctgctgctca 300

<210> 634  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 634  
 ggcaaaggaa ctaaagaagc ctaatgaaga catgtgctta gcagaccaa agcctttgcc 60  
 agagtggcct cgtattccag gacttgttct ctctggaagt acattttcag actgtctcat 120  
 ggtgggtgcg ttcttacgaa actttggtta agttttgggc tttgatgtga atattgatgt 180  
 tccaaacctg agtgttcttc aagagggatt gctaaatata ggggacagca tgggtgaagt 240  
 acaagacttg cttgtgaggc tctctcagc tgctgtatgt gatccaggtc taataacagg 300

<210> 635  
 <211> 275  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (275)  
 <223> n = A,T,C or G

<400> 635  
 gaaatacttt gagcagctct gtgggggtgta aaccttcttg tggggactga aaatggcctg 60  
 atgcttttgg accgaagtgt gcaaggcaaa gtctataatc tgatcaaccg gaggcgattt 120  
 cagcagatgg atgtgctaga gggactgaat gtccttgatg caatttcagg aaagaagaat 180  
 agagctacga gtttactatc ttctatggcc agaacgcaga atactacata atgaccacga 240  
 gngtnaaaat ttaaatcang gnetntatca ctgtt 275

<210> 636  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (300)  
 <223> n = A,T,C or G

<400> 636  
 actaactggg ggattttatt tataagggct ctagaaaaaa cgagttattc acaccagcat 60  
 catcttaact aacattctga actagttagt gctgcttttt attntgtnnt ntcttnttnt 120  
 ntttntntnt ncttntntnt cnantntntn tnttnttttt atctcttntt ntntctnttt 180  
 tntntntttt tntntntgtn tntntntat tctattaggt ntntcatttg ngttntntnt 240

nttttntgt ntcgctnttc ttggncnntn ttttntnnnt tatttnttt nttttggttt 300

<210> 637  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 637  
 gaacatccca cccccccgca gccagtgtc cttgtcaagc tccccccgtc actccaggtg 60  
 ggagccacc cggtagggg gtgtgccact tgtccccagg gactcctct gggcatcccg 120  
 ggtgggggat tttggggccg tggggggcag tctctggtac ctgtgtgctg cagggatgct 180  
 ctgcacctgc aaccaggtgt cgtccacggg cgggggcatg gtaacagtgg tcctgttgat 240  
 gtcaccgatg atgctgagcg cctccttcag cgcgtggtgc atgtgcagca tctcgtcgtg 300

<210> 638  
 <211> 266  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(266)  
 <223> n = A,T,C or G

<400> 638  
 gaagccagcc aacttcttgg atcttggagg tgggtgtaaag gaagctcaag tatatcaagc 60  
 attcaaattg ctacagctg atcctaaggt tgaagccatc cttgtcacta tatctggagg 120  
 tatagccatn anaaggctgc aattaccaag gnatcancaa ccnattgcat tcatntnatn 180  
 cntcaggttc acgtgnaggc ntgggaggtt taantagcaa ngntntnnnn acangggcta 240  
 canncaatnn nccccgtant atcnna 266

<210> 639  
 <211> 275  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(275)  
 <223> n = A,T,C or G

<400> 639  
 ggaggccaca gtaaacctcc tcacagccca ctggtcctca agaggtgcc cgtctccaca 60  
 catcagcaca actacgcagc gcctccctcc actcggaagg actatcctgc tgccaagagg 120  
 gtcaagtgg acagtgnacg agtcnngna cagatcacnn tctanctnaa tctnactca 180  
 nnctncagnt tncctggncn cnggtangnn aatngnaant nnnnnntttn tttcnntana 240  
 tnnttcttnn actnttnnnc ntngttnatt ttctt 275

<210> 640  
 <211> 269  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(269)

<223> n = A,T,C or G

<400> 640

actacttttta	tttataagga	aagtttctct	atthttgttta	ttaaactataa	accagtgtctg	60
tgtgaaggca	cttaattggg	gggaggtgtg	ggaggtttnc	angcccntac	cacnnntnac	120
nnnccatanc	ccccattgt	tgnaaaaaan	ggggantnga	nttactanca	ganntancca	180
cctanntnan	nnccccncc	atgcccccat	nnnangnggc	tgccntnac	gaanannnnc	240
ctggnnanag	nnctanncc	ttnnnattt				269

<210> 641

<211> 295

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(295)

<223> n = A,T,C or G

<400> 641

aagagtga	agcattggta	acagtgcctt	agaactgtgt	cagttagtct	gatttgga	60
tcctttatgt	aaagctgaga	ctggtcctgg	ttttgttccc	tttggtaca	gacctnttgt	120
ccnagntcta	ntgtnnccat	tnccgctttt	ncagntnnnt	gnattcctcc	ntatcnntt	180
tctntntnnc	ctttatnttc	ctgttcttta	ttttnncttt	anntcctcng	tggatctcta	240
ttnnnttcta	ngnggcctct	tcctnnnttg	antntnntc	tnntnntcct	tgtcc	295

<210> 642

<211> 262

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(262)

<223> n = A,T,C or G

<400> 642

ctgtaaata	caaaaagaaa	agaaaaattg	agccttggga	cgtgcccatt	tttactgtaa	60
attatgattc	cgtaactgac	ttgtagtaag	cagagttnnt	gnnnnncnang	nattgtagac	120
tttnntatnn	tnattttnnn	nnganttnct	ttntnaattn	cttnntaatn	tnnacattna	180
tgnttcnttt	annttanngn	ttantttnta	ttgnttnctt	nnnnnttttt	nttnctttna	240
ttttttnttt	actntttatt	tt				262

<210> 643

<211> 272

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(272)

<223> n = A,T,C or G

<400> 643

ggagaattcc	cttattgtct	acttctctga	gettcaaggt	tctgaagcat	ccagataaga	60
agttccgggt	tggccaggcc	ctgagggcca	ccgttggttg	cccagattcc	tccaagaccc	120

```
tcttatgtct gtccctcaca ggctctcaca agcttgagga aggggangtg gccnnngccg      180
ntcggtgann gtgatnnann aacnngnnnc tcncnnntcc tcttcnccn tgctnnncann      240
nnannancnc nctnnttcac tgaccgactt ct                                     272
```

```
<210> 644
<211> 300
<212> DNA
<213> Homo sapiens
```

```
<400> 644
gatgtgtctg gtgtgggttt cccaagcaag gttccttgga agaagatgtc tgcagaggag      60
ctggagaatc agtactgtcc cagccgatgg gttgtccgac tgggagcaga ggaagccttg      120
aggacctact cacagatagg aattgaagcc accacaaggg cccggggccac caggaagagc      180
ctgctgcatg tcccctatgg agacggcgaa ggggagaaaag tggacattta cttccccgac      240
gagtcgtctg aagccttgcc tttcttcctg ttctttcacg gaggatactg gcagagcgga      300
```

```
<210> 645
<211> 288
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (1)...(288)
<223> n = A,T,C or G
```

```
<400> 645
ttttgacctt gaaacgatga tcctcaaggt ccttctcagc actggtattc cctgaaggca      60
ttggatgaat aacggagatt ctaacagtct ctgttaagac aggatgngta aagnggncnn      120
tgancctnaa tntnttcct ntannanttt ntngnannnn ggantncttn atttttttgg      180
atngatnnnt ganattttaa nttnttttgt tttnanntng nttnnanann nngcnntttn      240
tagggngngta nnnttnactt ttatttanct ntntnnggna ttttgttt                288
```

```
<210> 646
<211> 259
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (1)...(259)
<223> n = A,T,C or G
```

```
<400> 646
gccatcttcc agtaattcgc caaaatgacg aacacaaagg gaaagaggag aggcacccga      60
tatatgttct ctaggccttt tagaaaacat ggagttgttc ctttggtcct tatatngcna      120
atctatntnt tnggcannnn tntnctgtt ttttctnatn nttttttttt tttttttttt      180
ttgntcnenn agntttaata aaattttttt ttanccnnnn tattanncta ncntttatnt      240
nnaanatan ncnattngt                                     259
```

```
<210> 647
<211> 300
<212> DNA
<213> Homo sapiens
```

```
<220>
```

<221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 647

tgcccccaga actgtcctgg ctccttcctg attaaacgca ttgcatttt gagaagtgtc	60
cttcccaactt cagccctccg gagagactac cctagtcttt ctgggggtggn gatgaactaa	120
gntgaagcgt ggcctatntg ctgagagggt angancngaa gtganannng nntnaatgcc	180
cactngaagt aagctgagag agagatctan naaaagctan aactcatgnt gtctatcttt	240
gaacttggga naaaccacaca aggtgctgct gcttatatct gngaagcact ancttattct	300

<210> 648  
 <211> 270  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(270)  
 <223> n = A,T,C or G

<400> 648

agcatatgct tgtctcaaatt tgaaaaacgt attcaagaaa tcattgagca gttagatgtc	60
acaactagtg aatatgaaaa ggaaaaactg aatgaacggc ttgcaaaact ttcagatgga	120
gtggctgtgc tgaagggttg tgggacaagt nctgcttga ttcnnttcnn ncannngnnn	180
cntcntttan ntncnttatn nnnccctngn annnnennn cctnngcntn nnnctcnntn	240
nnctntnttt cnnnnntent nttttantnc	270

<210> 649  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 649

ctgttgatcc aagtgtagcc tgaagcgaaa gaggagcctt ccagacccat gccatatata	60
aacacacgtg ggtgtgcatt ctccccccac accttctgtg caaagctggg agctcactcc	120
actgcgtctt gcttttttct acttggcaga tcttggagat tgttccacat cagtacataa	180
agtacataaa gattgtcacc ccacaaatac acaccaagtc ctattttcat cagcgataaa	240
aaagaaaagt tcttgctttc cggaagcttg catgcggctc tgagtaccac gtgacaccag	300

<210> 650  
 <211> 281  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(281)  
 <223> n = A,T,C or G

<400> 650

tccagtgcga acggccagac ctgacctgcc agctccgggc gtgggggtgaa atctcttgat	60
tcctagtctc tcgatatggc acctccgtca gtctttgccg aggttccgca ggcccagnct	120
gnnctggcgt tnnagctnac tgccnacttc agnaggata cgganccccg caaggacaan	180
ctgcaanngc gagagtatca tggacactna nggactgntg ctttcatgta cttccantgn	240
tggatcatgg tatgacnaca ttttancnan ntgnctttg a	281

<210> 651  
 <211> 273  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(273)  
 <223> n = A,T,C or G

<400> 651  
 gggatcccgga gctgtcctgc agctgtaccc tgagaactca gagcagttgg agctgatcac 60  
 aaccagggcc acaaaggcag gcttctccgg tggcatgggtg gtagactacc ctaacagtgc 120  
 cannnntatan naatnttccct ttgttttnana tntgaccttn ttncnntnnt nctnttngct 180  
 ntntatnnac ttnttcnaaa nctncttngn gtgntcngtt ctatctatnt atnttntntc 240  
 tcntttcntt tntgnanctt tgattntatt tat 273

<210> 652  
 <211> 267  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(267)  
 <223> n = A,T,C or G

<400> 652  
 cttgggctgc ttattacgct cactattatc aacagcaagc acagccacca ccagcagccc 60  
 ctgcagggtgc accaactaca actcaaacta atggacaagg agatcagcag aatccagccc 120  
 cagctggaca ggttgattat accaaggctt gggatgagtg ctncnnnata atggntcnnn 180  
 nnnnttnnt nncntntnt nttaaantnna nnnancntga attancnnn attcataaac 240  
 nnnatnnntc nncntntnt aantcta 267

<210> 653  
 <211> 252  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(252)  
 <223> n = A,T,C or G

<400> 653  
 cccaggatgc ccttgagggg gccctccgac gcctgcttca ccacctttga cgctggggct 60  
 ggcattgccc tcaacgacca ctttgtcaag ctcatttcct ggtatgacaa cgaatttggc 120  
 tacagcaaca ggggtggtga nntnatggcc nacatggnet nnatnganta tnaanntggg 180  
 atgtncnng ngnatcnann nnnnncgatt cnttnttttn antttctgtt tnnenttnaa 240  
 tntcgnnttt nt 252

<210> 654  
 <211> 260  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(260)  
 <223> n = A,T,C or G

<400> 654  
 aagactttct cctaattgctt ggaaaaccat aactgacata gttctaaatg gcacagtctt 60  
 cgtgacacta gatattggaa aacaactaat taaagctcat aaaggagcag cattcctttt 120  
 tatttctacn attnntgttn atactgtatn nnntnantnn ttcctatcct nnnnttntnn 180  
 atttntntnt ttnnnttatt cttnnntan tattgnattt ntnanttnaa nngnntgnt 240  
 gnnntttttn gnnnttntat 260

<210> 655  
 <211> 266  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(266)  
 <223> n = A,T,C or G

<400> 655  
 attttcaatt tggagcatta actaaatgct catacacagt taaataaata gaaagagttc 60  
 tatggagact ttgctgttac tgcttctctt tgtgcagtgt tagtattcac cctgggcagn 120  
 gagctgccan gctttctggt gnnttcttgn tccnctntc tattnnnnnt nctntccgn 180  
 cnnnctntt cctctggann cttcttctc tntctntttg tctnnntnng nctnttctnc 240  
 tnnanctttn nntttntcnc cncntng 266

<210> 656  
 <211> 291  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(291)  
 <223> n = A,T,C or G

<400> 656  
 gtggagctac agatgaagat gatggagctt gctaataaat cccttccac cccaagcttc 60  
 ctttatgact gataactagc tccagctgcc ttttaagttca gtatccctag tgagctgact 120  
 tccccatct tgctctcttc tgctactttt tctgtcctnt ctanacnntg ttgnctctcn 180  
 tttageggcn gctactcta nntnctttt ngtttangnn cctaaananc cgggntnanc 240  
 aatncttgcc ttgatctnnc nnttttnggn gttnnntttt taattttgga a 291

<210> 657  
 <211> 264  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(264)  
 <223> n = A,T,C or G



<400> 657  
 ctttggaaac aatatgcaat gtgaagcggc cgtgttgtga gtttagtaag gctgtgtaca 60  
 ctgacacctt tgcaggcatg catgtgcttg tgtgtgtgtg agtgtgtgtc cttgcgcatg 120  
 agctacgect gcctccactg tgcagacctg gtatgtggca tgaacatnag gaaggcctct 180  
 tttcatgac atggcntnca anagtgtctc gagcncntc tttgncatga taaaaccga 240  
 tgctntntga ctgatgactc tgnt 264

<210> 658  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (300)  
 <223> n = A,T,C or G

<400> 658  
 ttagccagga tggctctgat ctctgacct cgtgatccac ctgccgcggc ctcccaaagt 60  
 tctaggatta ctggcatgag ccaccgtgcc tggccagcaa ttagaatttt aacactggca 120  
 gttatgaata atatgaagga gangtnnana tctgannnan nntggattag cnntcnnttg 180  
 ngctncttct cgttcatctc atccacagct ttctgtgcat cttcatgcct ttcaaagctt 240  
 acaaatccaa atccttttga ttttcacctt tcatcagtc tttactttcac acttaaggca 300

<210> 659  
 <211> 270  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (270)  
 <223> n = A,T,C or G

<400> 659  
 aattagggct gctgtgatat tgtcagcttg cattaacaat tagaagatag agaaccgcc 60  
 atcaggggtg ctacctaact tctcaggac tacacttggc agcnttccac cattnanaga 120  
 acngnnanct annancntt tgcennntta ncccaanngc ttntctactt ctcannttcc 180  
 ttngncccta nnnnnatnnt nnnatctttn cccctagtnc ctncctttnn gccatcttct 240  
 ttntnnnnnt tgncttnann ttntntctnt 270

<210> 660  
 <211> 266  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (266)  
 <223> n = A,T,C or G

<400> 660  
 aggacagaaa aatgggtggt attggaggga attttgaaa gtaaagtgtg tgggttaggg 60  
 actactggac atactgggag tacagtttgg ttaatgagcc tgaagtctg gactaagngg 120  
 taagttccat ctggcttttt aacaggtact aattgntgtg tnnagtnagg gagttttttg 180  
 ntntttnttt nnnntntnnn tnntcttttt tantntntnt ctncacttcc tcttnttttt 240

tntntntntcn nttntntnt ttttct

266

&lt;210&gt; 661

&lt;211&gt; 266

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 661

gttaacaagc gtcataaaca ggatgcacgt ggtcagcgtc ccctacgcgc tgatgaaggc	60
gaaccactc tcctggatcc agaaagtgtg cttctataaa gctcgggccg cgctggtgaa	120
gtcgcgagac atgcactggt ctctcctagc tcagcggggc cagagggacg tcagcctcag	180
ctcactgccc atgctgattg tggccgatgg tgccaaccg tggtcgatct ctcctgtga	240
cgccttctc aacgtcttcc agtcca	266

&lt;210&gt; 662

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 662

agaagaagca gttgaacagt tcttttagagt tgggtgaaaa aaaatcatag ccccaactaa	60
aaatgctggg gtcacaattg aagaggaaaa aaattcacaa ttgacctgaa tagtaaattc	120
tctaattgtg gatcttgcac taatgaaaga tctgggttaa gccctcaagt ctaatgattg	180
ataccaagga aggcacctcg cagtattgcc agaagtctac cctgaactgc agatcaccaa	240
tgtggtagaa gccaccaac cagtgaccat ccagaactgg tgcaagcggg gccgcaagca	300

&lt;210&gt; 663

&lt;211&gt; 264

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(264)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 663

ctgcactgtg aacctgggca ctccgcgccg atgccaccgg cctgtgggtc tctgaaggga	60
cccccccaa tcggactgcc aaattctccg gtttgccccg ggatattata gaaaattatt	120
tgtatgaata atgaaaataa aacacacctc gtggcaaaaa aaaaaaaaaa aaaaaaaaaa	180
aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaatataatt taatannana	240
aaaannanaa naanntntnt anat	264

&lt;210&gt; 664

&lt;211&gt; 147

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 664

gctcgggttg agggctcggc gcgggggttc ctgttctctc ttctgcgcgg ctgcagctcg	60
ggacttcggc ctgaccacgc ccccatggct tcagaagagc tacagaaaga tctagaagag	120
gtaaagggtg tgctggaaaa ggctact	147

&lt;210&gt; 665

&lt;211&gt; 280

&lt;212&gt; DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(280)

<223> n = A,T,C or G

<400> 665

aattcaaggc ctgtcgagcc tctagaacta tagtgagtcg tattacgtag atccagacat	60
gataagatac attgatgagt ttggacaaac cacaactaga atgcagtga aaaaatgctt	120
tatttgtaga atttgtagtg ctattgcttt atttgatcc attatatgct gcngntaaac	180
tagnnancan ctacnnttgc nttcatttta nnttnagtt ntntnnntnn ttttggtgn	240
ttttgtnta nttntctntc tttatntntt tttttttttt	280

<210> 666

<211> 288

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(288)

<223> n = A,T,C or G

<400> 666

gtaggggagg ggctcctttc cataaatcct tgatgattga caacacccat ttttcctttt	60
gccgacccca agagttttgg gagttgtagt taatcatcaa gagaatttgg ggcttccaag	120
ttgttcaggc cctctgacac cttttggtat cgtaattttt actgatttgt gtagaatgtc	180
agttgtattt taccagctaa tatctagaaa tgctggcaag aggggtttac tccagcttta	240
gattgnaggt atgctacctt nttcataca gngnnttann nttactga	288

<210> 667

<211> 163

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(163)

<223> n = A,T,C or G

<400> 667

tgaaattcag ctaaccgagc agctacggtc cctcatcccc aacgaggatg tgagaaagtt	60
catgtctcat gttatctgga ccttgaaaat ggaatgttca gaaacacatg tgcaaggag	120
ctgtgccaaag ctcatgtcgc gaacaggcct nctgatgaag ctt	163

<210> 668

<211> 262

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(262)

<223> n = A,T,C or G

<400> 668  
 ataaaaatcga taaggaaaat cgtgaagtcg atagaaatga aggcctgaaa ttgacacgaa 60  
 agcattccat gttatttata gaggcaagtg caaaaacctg tgatgggtgta caatgtgcct 120  
 ttgaagaact tgetgaannn atcnttcana cccntggact gtgntaacng tncntntcnt 180  
 cntnnnnttt nntacctctt cnngggnnnn ntccctattn ggnatntntt ntngnnnnng 240  
 nctnancctt ttannttttn tt 262

<210> 669  
 <211> 291  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(291)  
 <223> n = A,T,C or G

<400> 669  
 accaagtgcg ttagttgaa tgaagtcttc ttggatttca cccaactaaa agtattttta 60  
 aaaataaata acagtcttac ctaaattatt aggtaatgaa ttgtagccag ttgttaatat 120  
 cttaatgcag atttttttaa aataaacata aaatgattta tctgtatttt aaaggatcca 180  
 acagatcagt attttttcct gtnatgngat ttttnnantt tgnncattt tannntantt 240  
 nanntgttna tntttntct anntcttatn tttntngctt attttttttt t 291

<210> 670  
 <211> 264  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(264)  
 <223> n = A,T,C or G

<400> 670  
 acaagaaaaa tgattcaaaa aactgctgag ccacttttgg ataaggaatc aatttcagag 60  
 aatcctactt tggatttacc ttgttctata gggagaactg agggaaactgc acattcatcc 120  
 agtacctcag atgtggatnn nccgggngct tctnnggctn tttannttnn ttcnnngtnc 180  
 ntnntntgga nttnttattc tnttncntcg tncantngtg cnttactnt tntcntnnnc 240  
 cnntanntgn tnnnannggt cntt 264

<210> 671  
 <211> 261  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(261)  
 <223> n = A,T,C or G

<400> 671  
 gctcactgaa gcttaagtga ggatttcctt gcaatgagta gaatttcctt tctctccctt 60  
 gtcacagggt taaaaacctc acagcttgta taatgtaacc atttgggggc ccgcttttaa 120  
 cttggactag tgtaactcct tcatgcaata aactgaaaag agccatgctg tctaggctac 180  
 aacnnnttn tnnannggn nnnnnngctt tnnncnccn tttgnnnccn gnggggaann 240

nnnaccennn aaccnntttt t

261

&lt;210&gt; 672

&lt;211&gt; 251

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(251)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 672

attcattttct ctaacagcag taatattaat aattttcatg atttgagaag ccttcgcttc	60
gaagcgaaaa gtccctaata tagaagaacc ctccataaac ctggagtgac tatatggatg	120
cccctcacc cacaaccacc accaccacaa taaacaagtt gctgacagcg gaaaaaaaaa	180
aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa anaaaaaaaa	240
ataaatnntn t	251

&lt;210&gt; 673

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 673

ctgggtttca ccatattggc caggctggtc tcgaactcct gacctgggtga tccccctgcct	60
cggcctccca aagtgccagg attacagacg tgaagcactg caccgcccc acactgtagt	120
tttttttagca gacagtttca tggcctactt cactaagtag atggagatat cccccatct	180
tccatggaaa tgtctttctt acttgcctct tatttctcta tcttagaaaa agaggaatcc	240
agtcgggctc ggtggctcac acctataatc tcagcctcct gagtagctga gactacagcc	300

&lt;210&gt; 674

&lt;211&gt; 267

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(267)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 674

accagattgt tttgcttcag cctcagggtga tcagactctg agaatatggg atgtgaaggc	60
agcaggagta agaatcgtga ttcctgcaca tcaggcagaa atcttgagtt gcgactgggtg	120
nacatncnat ganaatttgc tggngancnn tncgnttnan ttntttntn ttntntnnn	180
ntgncctttn tcnntatctt ttntctntn nntnacnncn ntcnagtnng tcnngnatct	240
ctnttttggn ntntntntt gtccggt	267

&lt;210&gt; 675

&lt;211&gt; 266

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(266)

<223> n = A,T,C or G

<400> 675

ctccaagggtt ggctccacgg aaaacatcaa gcatcagcct ggaggaggcc gggccaaagt	60
agagaaaaaa acagaggcag ctgctacaac ccgaaagcct gaatctaag cagtcactaa	120
aacagtcggc ccatttgcca aattgcnnnt tcntntnnnt ntatattgtn ttntnnttgt	180
tttaantntt ntncntntaa ctntntnnnn ttcttttnan ganntntntn nnattntntn	240
cgtntttttt attnaattng tttntt	266

<210> 676

<211> 300

<212> DNA

<213> Homo sapiens

<400> 676

agaaagattc tcgcttaaaa aaatgtattt attttatggc aagttggaaa aaatgtaact	60
ggaatctcaa aagttctttg ggacaaaaca gaagtccatg gagttatcta agctcttgta	120
agtgaagttaa ttaaaaaaag aaaattaggc tgagagcagt ggctcacgcc tgtaatccca	180
gaactttggg aggctaaggt ggggtgatca cctgaggtca agagttccag accaggctgg	240
ccagcatggg gaaaccccgct ctgtactaaa aatacaaaaa attaaactggg catggtagtg	300

<210> 677

<211> 300

<212> DNA

<213> Homo sapiens

<400> 677

ggtagaagca gcaaagaaag cccaccatgc agcgtgcaaa gaggagaagc tggctatctc	60
acgagaagcc aacagcaagg cagacccatc cctcaaccct gaacagctca agaaattgca	120
agacaaaata gaaaagtgc agcaagatgt tcttaagacc aaagagaagt atgagaagtc	180
cctgaaggaa ctgcaccagg gcacacccca gtacatggag aacatggagc aggtgtttga	240
gcagtgccag cagttcgagg agaaacgcct tcgcttcttc cgggagggtc tgctggaggt	300

<210> 678

<211> 291

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(291)

<223> n = A,T,C or G

<400> 678

gagagagaga gagagagaga gagagagaga gagagagaga gagagagaga gagagagaga	60
gagagagaga gagagagaga gagagagaga gagaganann gaganagana nagagagagn	120
gagagagaga ganagagagn gnnngagann nagagnngnn cntcatctgc tttntcncac	180
gcactcncnc ctgnccctnc gttntttgnt tcctgatctc acttccgtct ngctcactct	240
cntcngctgg ngattctgnc ctgnnaacnn atactnantt tttntcttat g	291

<210> 679

<211> 297

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1)...(297)  
 <223> n = A,T,C or G

<400> 679  
 gagtcaggaa ggtaaggcgg ggagtgactg aataaactct gccttttaaa ttgagcatct 60  
 gggccgggca tggtaggctca cgctgtaat ccagcactc tgggaggctg aggtgggacg 120  
 tgtcatgctg atccagtttg tgaacgtgct gctncaggtc ctgggccaca agtccccatga 180  
 tcttntnnan gaggagattg gcatcgccat ntacaacatg gcctcagtca antttgatgg 240  
 ctcgtttgcc gnnttntctnc cngagttcnt gaccnctnt natnntgtng attcctg 297

<210> 680  
 <211> 266  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(266)  
 <223> n = A,T,C or G

<400> 680  
 gaacctcatc aggaggactg aaggaaagga gccaggetgc agccctctgc ctgcccttcc 60  
 gtgccatcat ctccaggatt aatgaaaggg ccattcagga aacagcacag ggagctacaa 120  
 atttacgggt tcaactggta ttgatctttt catccagcac aatggacaga agtctaagga 180  
 acgtccttgt ggtttccttt gggttcctgc ttctctttac agcctatgga ggtctgtaga 240  
 gcctgcngag cagtengtac agttag 266

<210> 681  
 <211> 259  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(259)  
 <223> n = A,T,C or G

<400> 681  
 ggacagcact tagtagctgt ggaggaagat gcagagtcag aagatgaaga ggaggaggat 60  
 gtgaaactct taagtataac tggaaagcgg tctgcccctg gaggtggtag cacggttcca 120  
 cagaatntag tanaacttgc tgctgatgan gatgatgacg atgatgatga agaggagat 180  
 natnnnttgn nnatntnctt nntntntttt nnnncnntg ttgntntttt ntncccnnt 240  
 ntannataaa ttgtntttt 259

<210> 682  
 <211> 295  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(295)  
 <223> n = A,T,C or G

<400> 682

```

cctttgaatg taaagaatgt ggaagatcct ttagaaattc ctcatgcctt aatgatcaca      60
ttcaaattca cactggaata aaaccacaca agtgacttta ctgtgggaaa gccttcacta      120
gatcaactca acttactgaa catgtaagaa ctcacactgg aataaaaccc tatgaatgta      180
aggaatgtgg ccaagccttt gctcagtact cgggcctttc tatacacata cgaagtctca      240
gcggnangaa nncctatcag tgnnaggnat gtnnngannng cntcnctact ccctc      295

```

&lt;210&gt; 683

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 683

```

actataggcg cccaccacga cgcccggcta attttttcta ttttttagtag agacgggggt      60
tcaccaggtt agccaggatg gtctcgatct cctgaccttg tgatccgcc gcctcggcct      120
cccaaagtgc tgggattaca ggcgtgagcc accgtgcccg gcctacaaat gttaacaaag      180
caattaccaa tggccttttt acatatTTTT tctttaatga ggaataatat gcatgtagaa      240
aagacctact taaagtcttc attttatattc tttcaaatca aatctttatt taataactta      300

```

&lt;210&gt; 684

&lt;211&gt; 291

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(291)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 684

```

aatttggtc gcagcgagc cgtggcccg gcttctctc actcatocca gacacagggt      60
gggggcagcg tcacccaaaa gcgcaaaactg gagtccactg agagccgcag cagcttctca      120
cagcagcac gcactanccg gcgcgtggtc gngnaggagg agnncntagg gacgtatctg      180
ctatgaaaat cccaaanttt tcagatagng ccctaaaaac aattttatat gccnactgg      240
ttggtattct taggntattc ccacacttga ctttatcatt ggtactacta g      291

```

&lt;210&gt; 685

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(300)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 685

```

agagagagag agagagagag agagagagag agagagagag agagagagag agagagagag      60
agagagagag agagagagag agagagagag agagagagag agagagagag agagagagag      120
agagagagag nnattnnctc tntntnctcc tctctctcnt tttntcccc ctnttttccc      180
ttntttnttc gntntttntc ntntntntt ctctntctcg tctcnnntnt nttntnttn      240
cctctccttt tttctntctc ctntntntcc ttctntnct tcttggtctc ttctttcttt      300

```

&lt;210&gt; 686

&lt;211&gt; 238

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens



```

<400> 686
gaaatacttt gtgcagctct gtgggggtgta aaccttctgg tggggactga aaatggcctg      60
atgcttttgg accgaagtgg gcaaggcaaa gtctataatc tgatcaaccg gaggcgattt      120
cagcagatgg atgtgctaga gggactgaat gtccttgtga caatttcagg aaagaagaat      180
aagctacgag ttactatct ttcattggtta agaaacagaa tactacataa tgacccag      238

```

```

<210> 687
<211> 285
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(285)
<223> n = A,T,C or G

```

```

<400> 687
cgagccacaa gctgcactgt gaacctgggc actccgcgcc gatgccaccg gcctgtgggt      60
ctctgaaggg acccccccca atcggaactgc caaattctcc ggtttgcccc gggatattat      120
agaaaattat ttgtatgaat aatgaaaata aaacacacct cgtggcaaaa aaaaaaaaaa      180
aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aataaannnn nnnnnnaaa      240
aaaaannngg gnnntnnnaa nnaaaannnn aaaaaaaaaa aaac      285

```

```

<210> 688
<211> 253
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(253)
<223> n = A,T,C or G

```

```

<400> 688
cgagccacaa gctgcactgt gaacctgggc actccgcgcc gatgccaccg gcctgtgggt      60
ctctgaaggg acccccccca atcggaactgc caaattctcc ggtttgcccc gggatattat      120
agaaaattat ttgtatgaat aatgaaaata aaacacacct cgtggcaaaa aaaaaaaaaa      180
aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaannnc nnnntnnnaa      240
aaaanttggg ggg      253

```

```

<210> 689
<211> 262
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(262)
<223> n = A,T,C or G

```

```

<400> 689
ccagcattca aaattcccat gcttagggaa tccattggga cttctcccca ggatgtactg      60
aattcaagga agctttctct aggtgtagca gaaactgctg ctgnnatgtc tctgctcacc      120
aggacgttng ttctntntac agncctttat ttgntnnnnn tggnggnant agnttntnngn      180
ccctggnanc tagnnnantg gggntnnnan nttntgggtan ttngcgtcat nttcnnttgn      240
nnattacnnn ntntgntgcn tt      262

```

<210> 690  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 690  
 acaccttcat tgcgtatct ccggtgtgta tcagctctcc aactctatgt cataattcag 60  
 ttcattgggga tcttgattac ctttccttc caaaaatat tacactgatt ggttatatcg 120  
 atgacattat gctgatttga cctagttagc aagaagtagg aactacatta gacttagtgg 180  
 aaagacattt gcatcagagg gtaggaaata aatatgacta caattcaagg gccttctacc 240  
 ttagtgaaat tggtagggac ccagtgcacat ggggcatgtt aggatatttc ttctacgggtg 300

<210> 691  
 <211> 264  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(264)  
 <223> n = A,T,C or G

<400> 691  
 atagcactga tgcctgggcca acaattagcc ccatttgtac ctttttaca actttttgac 60  
 aattgccaag aatcgtccac cttccctccc cattgaatta aatacacttc ttgtctcatg 120  
 gatactcaga ataccaatca aggtaacaga tgcctttatt ttaactaagg acacagtaca 180  
 gatctcacag ggacactcct tattccttgc agagtttcag acactactga gggtcacat 240  
 agcancnttt natcngaann cnca 264

<210> 692  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 692  
 ggataccgta tcgacgtggg gcctccggtt gctgctaaat gggaaaaact tagcttagta 60  
 ctgatagatg actttattga aagtgggaact gaacaagtac tctactttt taaggactcc 120  
 ttgaactcag actgcctgac ttcatttaaa ataacggatc ttggaaaaat aaactattcg 180  
 agtgaaccat cagattgcaa tgaagatgac ttatttgaag acaaacaaga gaatcggtac 240  
 ctgggtgggtc cacctctaga aacaggactg aaaagcacat ggaagatctt ttgcacttc 300

<210> 693  
 <211> 282  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(282)  
 <223> n = A,T,C or G

<400> 693  
 atgaaccatc tgcttttaat gattttcaga ggccagccat ttattacatg atgtcattca 60  
 gggattggta tgagatgcaa gatgctggaa ttacttcaga ctcaatgatg aagaacttct 120  
 tctttgtgcc ttcttgcntt cacntgagcc nnanacgctc gcttttcngn tgcngcttaa 180  
 actggccttn ccgctnnnnt anntntgctn ntggacnccc catacgtacg cntcctttnn 240

ctnnnnngncc aggtcatnga tncnttcctn accntcaaat tt 282

<210> 694  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 694

cccaagcccc atctcatcct ggcacgcctt actccactgc cctggcagca gcagggtgtg	60
ccaatggagg ggggtgctgg ccccaggat tccccgagcc aaactgtctt tgtcaccacg	120
tgttgctcac ttttcatact tccnnaaatt acctagnccn cgnnntaaca tgganngnnc	180
tggtgacctta nctaanggna caaccataac ctggctgccc atcatgtggt ccnacccaat	240
caaggnnaga atgangaatg ctngactgga nccccctgga nccanattggc nanagggtga	300

<210> 695  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 695

gcctggacac tgcaatatac atacatacat aaacataaac cggaaatcca tatgagcttg	60
gaggtagagg agtgggtggt gttggatttg gtgggtgggtg ggaccctttn tgggtccttc	120
ctggtnccct gagggcncna tnaggagtcc nttacttcct ttcttccttc atattttaca	180
ggcngatgct tttcttataa tctaattaca tctttttatt tgttatatat taaaaccat	240
nacacttata aatacttccn ngaantgctt ttttgaagtg tgaattaatn tnaaatggg	300

<210> 696  
 <211> 255  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(255)  
 <223> n = A,T,C or G

<400> 696

gccccctgtt catctgtgtc ttctgcaaac tagtctcatg aagaattctg gcgtgcagcc	60
agggtagctg aagtttgggt ctgggactgg agattggcca ttaggcctcc tgagattcca	120
gctcccttcc accaagccca gtcttgctac gnggtncatg gnataccnga ctnccttngg	180
gctnanttcc ncnctttctt tttgtgtngn tcntaatnna tnantntntt nnntntngtt	240
nnntntctcc ttntt	255

<210> 697  
 <211> 293  
 <212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(293)

<223> n = A,T,C or G

<400> 697

cgaagctctc	tacgacattt	gcttcagaac	cctaaagetg	accacgcca	cctatgggta	60
cctgaaccac	ctgggtgtctg	ctaccatgag	tggggtcacc	acctgcctgc	gcttcccagg	120
ccagctcaat	gctgacctgc	ggaagctggc	tgtgaacatg	gtcccgttgn	cnangatgca	180
ctnattnttg	nccnnatttg	gccccatgaa	cagacgggnc	gnntgtcann	atctggccct	240
agnatacggc	tgannatac	ancgtgagac	agntgtttnc	ataanagtgg	ctg	293

<210> 698

<211> 257

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(257)

<223> n = A,T,C or G

<400> 698

gacaacgaaa	gttacttggg	cttctgagg	attacttgta	tggaacaaact	accacatatac	60
tgacatatata	tgacttcatac	aacaaggaac	ttatcttgg	ctcaaattct	gataacgaga	120
gatctatccc	ttctatgggtg	gatggnttga	acnnttanna	nanaannntn	nnntattcat	180
aattacancc	ctnacnnaca	nnctactnann	gnacncnana	nnnnnatnaa	ttacatntnn	240
atntatnct	nnnnct					257

<210> 699

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 699

caaaggggac	tatctctctg	aggctgtg	catgcagcaa	gatctacgtg	gatgatgggc	60
ttatttctct	ccaggtgaag	cagaaagggtg	ccgacttcct	ggtagcggag	gtggaaaatg	120
gtggctcctt	gggcagcaag	aagggtgtga	accttcctgg	ngctgctgng	gactngcctg	180
cttngtccea	cancgncttt	cnanntctgn	tgtctnctnn	atntntngtg	tggtncntnn	240
ntntnctntt	anntnctnct	tactttttng	tgangnnncc	cantgannna	anccttgctc	300

<210> 700

<211> 255

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(255)

<223> n = A,T,C or G

<400> 700

ctgaaagtag	ctaaggcacc	ccagccggag	gaagtgaagct	ctcctggggc	gtggttggtc	60
gtgatccttg	catctgttac	ttaggggtcaa	ggcttggttc	ttgccccgca	gacccttggg	120
acgacccggc	cccagcgcag	ctatgaacct	gnancgantg	tcctttgang	agaaattgan	180
cctntgccc	angtactacc	tggtnnngnt	tngnttnatc	tnnnngtntc	tatctgtctn	240
nnncttntcc	tcatt					255

<210> 701

<211> 300

<212> DNA

<213> Homo sapiens

<400> 701

acttgcaaaa	tggtgctaac	aaccacaagc	agaatttgat	gacggtggca	aaccttggtg	60
tggtggttgg	accactctg	ctgaggcctc	aggaagaaac	agtagcagcc	atcatggaca	120
tcaaatattca	gaacattgtc	attgagatcc	taatagaaaa	ccacgaaaag	atatttaaca	180
ccgtgcccga	tatgcctctc	accaatgccc	agctgcacct	gtctcgggaag	aagagcagtg	240
actccaagcc	cccgtcctgc	agcgagagggc	ccctgacgct	cttcacacacc	gttcagtcaa	300

<210> 702

<211> 300

<212> DNA

<213> Homo sapiens

<400> 702

gtgaattgcg	ggaatccttg	tctgaagtgg	aagaaaaata	caagaaagcc	atggtttcca	60
atgcacagtt	agacaatgag	aagaacaatt	tgatctacca	agtagacaca	ctcaaggatg	120
ttattgaaga	gcaggaggaa	cagatggcag	aattttatag	agaaaatgaa	gaaaaatcaa	180
aggagttaga	aaggcagaaa	catatgtgta	gtgtgctgca	gcataagatg	gaagaactta	240
aagaaggcct	gcggcaaaga	gatgagctta	ttgagaaaca	tggtcttagtt	ataatccccg	300

<210> 703

<211> 262

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(262)

<223> n = A,T,C or G

<400> 703

tgaggctcag	tacgtattcc	tgcatcagtg	catcctgcgg	ttcctccaac	agtcagccca	60
ggccccagcc	gagaaggaag	tcccgtatga	ggatgtcgaa	aacctcatct	acgagaacgt	120
ggccgccatc	caggctcaca	agttggaggt	ctaantgacg	agggggctgn	ncggnatnnc	180
aggcattctc	atgctctnga	cncccantng	agnccatatn	tttngannan	tanangnnng	240
nnntgnnnna	ttntgtntnt	gc				262

<210> 704

<211> 300

<212> DNA

<213> Homo sapiens

<400> 704

```

ggtagaagaac cggatcactc tgcaggaagt ggtctccac tgcaagaagc tgaccaagag      60
gaataaggaa cagctgtcag atatgatggt tctggacaag cagaagggtt taaagtgcgt      120
gagcaaagag aaacggcaga aactagaagc ataccaacac ctcttctacc tgctccagac      180
tcagcccatc tacctggcca agctgatctt tcagatgcca cagaacaaaa ccaccaagtt      240
catggaggca gtgattttca gcctgtacaa ctatgcctcc agccgccgag aggcctatct      300

```

<210> 705  
 <211> 241  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(241)  
 <223> n = A,T,C or G

```

<400> 705
ctatagtgtg cactctgaaa tgtactcagt gaaaatttgt tttgagtttc attaatgcta      60
tttcaccagt tagacataat tacttctacc gatgtgaatg atacggatgc cggcagagct      120
tccagatctt tcagactcan ctgctaggtc aantactttg gnntantnnn antntttntt      180
naananntgn nctttntttt nneccnnann tanttttana annnnnnnna nnectttnaa      240
a                                                                    241

```

<210> 706  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

```

<400> 706
ggaatctgga aaaccagggg ctcatgtaac tgtgaagaag ctgtttgttg gcggaattaa      60
agaagatact gaggaacatc accttagaga ttactttgag gaatatggaa aaattgatac      120
cattgagata attactgata ggcagcccggt ctatcagccc ggatgacagt gacgaggaga      180
actgagggca cgtgggggtgc ggcagcgggc tagggcccag ggcagcttgc ccgtgctgcc      240
gtgcagttct tgcctccctc acggggcgctc acccccagcc cagctccgtt gtacataaat      300

```

<210> 707  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

```

<400> 707
aattcaaggc ctctcgagcc tctagaacta tagtgagtcg tattacgtag atccagacat      60
gataagatca ttgatgagtt tggacaaacc acaactagaa tgcagtgaaa aaaatgcttt      120
atltgtgaaa tttgtgatgc tattgcttta tttgtaacca ttataagctg caataaaca      180
gttaacaaca acaattgcat tcattttatg tttcagggtc agggggaggt gtgggaggtt      240
tttctatggt gcatgggtgg cttcaccaac gtgaactttg gccgctcncg ctctgcccaa      300

```

<210> 708  
 <211> 298  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(298)  
 <223> n = A,T,C or G

<400> 708  
 agacgctggt ggccctgtgg tgggagagga aaggaaggag aggggtgttg cagtcctttc 60  
 aacttggtt tgaagtcctg agatgaggaa attcccagtc tggccttgct gggctgtttg 120  
 ctgctttgag tgtgtcctca tctgccggat ggtggnggag gctgaattga tcntngnctt 180  
 tcnatatgcc angccccttn natcanngt gctganagcc cttctcctcn taatcctntt 240  
 tnnctttctt cttgtncat nntcctttt gntgcncnct angcntttng ntcttggtg 298

<210> 709  
 <211> 274  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(274)  
 <223> n = A,T,C or G

<400> 709  
 aagaagctgc ggaagcccag acaccaggaa ggtgagatct tcgacacaga aaaagagaaa 60  
 tttgtgagtc cacagctttt accaaaaatc aaagctattc ctcagctcca gggctacctg 120  
 cgatctgtgt ttgctctgac gaatggaatt tctctcaca aattgggtgt ctaaatgtct 180  
 taagaacctt attaaatagc tgactacaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa 240  
 aacnnnnccc ntnaaaaann nngggggggt tttt 274

<210> 710  
 <211> 295  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(295)  
 <223> n = A,T,C or G

<400> 710  
 gatgacctca acactgcctc ttgatttggt tgatgcatgt cactttcatt aattttcccc 60  
 ctcttttttg aaagtccctg ggcagtacta atattttcat tttatgtaat ctctgggtgct 120  
 gctttccagt cactgtatga agtgtctccc caacactagc aaatctaggt cctactaaat 180  
 acaaatctct ggtgggatga tcttctagta ctgtattttt aaattaagga gttttagtta 240  
 taatgaaatt gatttgtagt ctgttttgcc gtaaacctgn ttttctttaa attgt 295

<210> 711  
 <211> 254  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(254)  
 <223> n = A,T,C or G

&lt;400&gt; 711

```

gaaaaggcaa gcaagccaca gacagagaga aaatagtcac aaaacgtatc tgacctccac      60
atcctgtaat tagaattatt gtggtctggt acaactgcacc cagtttctgc aggagtactt      120
tctgggtgtc tctattgagt aagagagggc cccatgggat attcctacag ttcccagatg      180
aacagtggga aagactctac nttncantc cngggtacnt ntntctngng ncctttntna      240
nngtcnanac nnnt                                     254

```

&lt;210&gt; 712

&lt;211&gt; 298

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(298)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 712

```

gagcgcctt acaagtgcga tgactgcgga aaggccttgt cccagagctt cgacctcatc      60
cgccaccagc ggaccacgc ggcgggccgg cgctgacctg gggccccagc aggggtggga      120
ggtgagggca gaagataagg ggccagggag ctaatngant ctttagggag gatatangng      180
ngaatcccca atanaatgna ggacnnttat ntntctggann annacattga tgctgtaagt      240
gatgtcngga cnnncctggg ncctgnncac ccagnagnaa ngnggcantt cttacctg      298

```

&lt;210&gt; 713

&lt;211&gt; 265

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(265)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 713

```

gaagcacacc ttgacagcc acacctggag gccgaggaga catgaaatat ggcataatg      60
ctgtagagaa tgagcatatg aatcggttac agtctcaaag ggcaatgctt ctgcagggca      120
ctgaaagcct gaaccgggcc acccaaagta ttgaacgtnt ttatnngnnt gttcagagnt      180
tgtntctnnt ggatttnttt cttntngnt tnanntgggt cgtgtttttt annnctttn      240
ttnnctnntn ntnggtcgc ttata                                     265

```

&lt;210&gt; 714

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 714

```

ctgatcctcc gttccagaa ggagctgaag gagatccagt acggaatcag agcccacgag      60
tgatgttcc cggtgtgaag ctgcaggctg tgctccagat ccaccgacce gtagcatctc      120
gtcacgccag cactgcctc cctaccaatg actcacctga aattgaaacg ggcaggaaat      180
agtctggcag cctctacagc agaagaaacg gcaggcagtg cccagggtcg tgcccaggag      240
gctgagcagc tgctacgcgg tcctctgggt gatcagtacc agacggtgaa ggccctagct      300

```

&lt;210&gt; 715

&lt;211&gt; 300

&lt;212&gt; DNA



&lt;213&gt; Homo sapiens

&lt;400&gt; 715

ctgagccagg	tgcgggatat	aatcttgtgg	tgcgccgttt	tttaagccgg	tccgaaaagc	60
gcaatattcg	ggtgggagtg	acccgatttc	ccagctcaga	acctgaggac	gcagccatgg	120
agcggtcggc	cttcatggag	ctggatgctg	ggagcaggct	ggtgatgcat	ctccgcgagt	180
ggccagccct	gctggtcagc	agcacgggct	ggacagagtt	tgaacaactt	actcttgatg	240
gacacaaact	tccttctctt	gtctgtgtga	taacagggtc	ggtggacctg	ggtgtctgtc	300

&lt;210&gt; 716

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 716

ggtgaatgcc	acacccttca	agattgctcg	aggccagatc	ttgaagatac	tcacagggaa	60
gatatgtggtg	gggcatgcc	tccacaacga	cttcaaagcc	cttcagtact	ttcaccccaa	120
gtccctcacc	cgtgacacct	cccataatccc	ccccctcaac	cggaaggctg	actgcccggg	180
gaatgccacc	atgtctctga	agcatctcac	caagaagctg	ctaaaccggg	atatccaggt	240
tgggaagagc	ggacattcct	ctgtggaaga	tgcccaggcc	accatggagc	tatataagtt	300

&lt;210&gt; 717

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 717

tttagatggt	ccagagtcct	cagagtccat	gaaaggactc	acagtggaga	aaagccctat	60
gaatgtaaac	aatgtggtaa	agccttcaaa	tattctagta	acctatgtga	gcatgaaaga	120
actcacactg	gagtgaacc	ttatggatgt	aaggaatgtg	gtaagtcgtt	tacttcttcc	180
agtgccttc	gaagccatga	aaggactcat	actggagaaa	aaccctatga	atgtaagaaa	240
tgtggtaaag	ccttcagttg	ttccagttcc	cttcgaaagc	atgaaagagc	ttatatgtgg	300

&lt;210&gt; 718

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 718

cggcggcggg	ggtggcttgt	ggtgcggcct	caccatacag	gaacagggca	gacgttagcg	60
tgagtgatca	ctctcaatcc	cggggacctg	gtggccttag	tctttcaggt	ggaacgggtg	120
gcgacatggg	aaagaaaacc	aagcggacag	ctgacagttc	tcctccacct	ctgacaacca	180
ctcaccattt	tactacttct	atctttttga	ctttccaaga	atgtcctaga	ggtggagtgg	240
tacagtatgt	gggtttccag	actggcttct	ttctagcatt	atgtacttta	agttccttca	300

&lt;210&gt; 719

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 719

actcagccca	cctgcaccca	ggtgaaataa	acagctttat	tgctcacacg	aagcctgttt	60
ggtggtctct	tcacacggat	gcgcatgaaa	tttggtgccg	tgacttggat	cgggggacct	120
cccttaggag	atcaatcccc	tgtcctcctg	ctctttgctc	cgtgagaaag	atccacctac	180
gacctcaggt	cctcagaccg	accagcccaa	gaaacatctc	accaatttca	aatctggcac	240
ccactggaaa	tcagactgcc	cagctcgccc	gacagccact	cctggagccc	ctaaagctct	300

<210> 720  
 <211> 234  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(234)  
 <223> n = A,T,C or G

<400> 720  
 atacggcgtg gagatcagct cctccaccag cataatggga cccagcatcc ctgccaaaac 60  
 tcgggagggtg ctgctcagcc acctggcattc ttacaacaca tgggctttac aagggattga 120  
 gttttagct gccagctca agtccatggt gctaaccttg ggctgattg acctgcgcct 180  
 gacagtggag caggccgngc tgctgtcact cctggaggan gnntccann ntnt 234

<210> 721  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 721  
 gtggaagaag aaaagtttcc tacacaactg agcaggcata ttaagtttgg tcagaaatca 60  
 catgtggagt gtgctcgatt ttctccagat ggctcagatt tggctactgg gtctgttgat 120  
 ggattcattg aactatggaa ctttactact ggaaaaatca naatggntnt tanntnccan 180  
 gccactnta cntntatnan gatgnangnn nccagnntac agtcntgatn tgtctccagt 240  
 ctccacctnn cactgtctgg ttncngttgg tactatanga cccatgnnta caacttttgt 300

<210> 722  
 <211> 261  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(261)  
 <223> n = A,T,C or G

<400> 722  
 gttaattcat tcctttccct gaaggagact gggctctggg ctccctgcgt ggtgaggatg 60  
 aggagcagaa tagagctgca gtcagcaggg agcagggtctc attctgggga gcagagacaa 120  
 atagagaaca gtatctcttg ctatatgcag ggcactgcaa cttacaaatc acagcgcatg 180  
 gcgaggacga ggggtggggg ggttcctcnn accatgnntn cnnngttnt accccttnt 240  
 cnnngnnact ctnactnnna a 261

<210> 723  
 <211> 275  
 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1)...(275)  
 <223> n = A,T,C or G

<400> 723  
 gtggcaaagc ttcatccagt ctaggtcttc aggattttga tttgctccgg gtaataggaa 60  
 gaggaagtta tgccaaagta ctgttggttc gattaaaaaa aacagatcgt atttatgcaa 120  
 tgaaagtttg tgaaaaaaga gcttggttaat gatgatgagg atattgattg ngtnncnnc 180  
 gganaagcat ngtnntngan ccggcctttn ttcattntnt ttcccncttn ncnntntntt 240  
 tnctcngcng ncccngattt tatnnncggt cctat 275

<210> 724  
 <211> 280  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(280)  
 <223> n = A,T,C or G

<400> 724  
 agaagaattt ggtataatca tgaaagccct gtggacagga cagtatagat atatcagtc 60  
 aaaggacttt aaaatcacca ttgggaagat caatgaccag tttgcaggat acagtcagca 120  
 agattcacaa gaattgcttc tgttcctaata ggatggactc catgantatn ncnntatann 180  
 ngatnncnnn ntagnntnn tnnnnntcnn ccccanctga ctttnnnntn cennnnnnnn 240  
 ccngctaagn ngnttgcnnn ntnccecneg cagctccccg 280

<210> 725  
 <211> 276  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(276)  
 <223> n = A,T,C or G

<400> 725  
 gtgacgcgca tgaatggatg aacgagattc ccactgtccc tacctactat ccagcgaaac 60  
 cacatgccgt tggcaaccac aggtcattca gcgacaagaa tggcctcacc agcaagcggg 120  
 agctgcggcc cgaagatgac atgaaaccag gaagctttga caggtccata cctgaaaaca 180  
 atatcatgcg cacaatcatt gagtttctgc tttcttgcatt ttcaaagagg ccgggcccnn 240  
 naccgntcnt gaatttcccn gccgancntt ttaaaa 276

<210> 726  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 726

```

ccgtgggact agggcggcga tgggtgtccca tgcagagtgc cgtcctctgg gagtgtttga      60
gtgtgaaactc tgtacnttga cagctccgta cagctatgtg ggacagaagc cccccaacac      120
ccagtcgatg  gtgaatgcag tttattctac tccaagagat tctgcctccc ttgtgtccgg      180
gagaacatca atgcttttcc tcaggaaatt cggcaagact tggagaaaag gaaagctcca      240
tcaaagagga cccccagcca gcccggttct cggacgtgag tgcaactggg gctaggtcat      300

```

<210> 727

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 727

```

ggaagctcca cgtgtagctg agctgcatgc accaggcctc agtttgcccc aagtcccctg      60
tgtactctct catggcctgt ggccaagaaa tgtattctct cactttggac ttaggagtcc      120
aaagagaagc ccagaaacaa aattgcttga acttgaattt gtgtgctgac gcacgtgtgc      180
acgtggtggt gaancnata tnnntccacc nntggctnat nccatggcac cttcaaggct      240
tgatanccgn aatcttgtca tnaatggaaa tcccatgnct tcttncanga tcgagattcc      300

```

<210> 728

<211> 298

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(298)

<223> n = A,T,C or G

<400> 728

```

gttattgctc tcggtgttcc taatcctcgg acttccaatg aagttcagta tgaccaaagg      60
ctcttcaacc aatccaaggg tatggacagt ggatttgcag gtggagaaga tgaaatttat      120
aatggttatg atcaagcctg gagagggtgg aaagatatgg nccagngcat ttatatggcn      180
nnatanannat ctgccnnaga anatgtatgg ccgatgnccg tntnccnccac cntgnttnat      240
nannanattc ntannaccacn ctgnannntn tgtttcnnan cccnccnccga ctttggat      298

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<210> 729

<211> 245

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(245)

<223> n = A,T,C or G

<400> 729

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ggtttcgggtg ggaatgacaa cttcggtcgt ggaggaaaact tcagtggtcg ttgtggcctt      120
gggtggcagcc gtgggtggtg ttgatattgg ggcagtnggg atggccttcn tgnattngtt      180
ncttanmnan gtatntntnn naannntgan tgttannntt tttntnnct tttntnnant      240
tntnt

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245

<210> 730  
 <211> 299  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(299)  
 <223> n = A,T,C or G

<400> 730  
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 tgttgaacaa cttggaattc cagaacagga gtacagctgt gtagtaaaga tgccttctgg 120  
 ggaatttgca cgtatatgcc gagatctcag ccatattgga gatgctgctg gannnnntg 180  
 ngcntgngac nggnnnnngn cntctgcatn tgcannatnn gctaagncna ctttnatggc 240  
 ntctttgncg ccttctcncc atagttncng accagctgtn atgggtgtgga tgcctgcct 299

<210> 731  
 <211> 298  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(298)  
 <223> n = A,T,C or G

<400> 731  
 agacgcgctc ctgcgcgggt atttctggga aaagccagct tctgtttgca ctggtcttca 60  
 caactcgta cctggatctt tttacttcat ttatttcatt gtataacaca tctatgaagg 120  
 ttatctacct tgcctgctcc tatgccacag tgtacctgat ctacctgaaa ttttaaggcaa 180  
 cctacgatgg aaatcatgat accttccgag tggagatttt ggcgtgtcct nncccatgnc 240  
 actgnatttt atanccttgt gactgtgtca tatanatanc tncntatata tatacata 298

<210> 732  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 732  
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 aaaactactg tgccttaacg tgtttcttaa actttttag taaatgaaca tttgaaatcc 120  
 attttgataa acctgctgtt aatgtttttt ccccccttgt gaatgttttc taactttgtc 180  
 ttggtaattg caatttaact aggtgcggtg gctactaaag ttcgaaggca cgatatgcgt 240  
 gtccatcctt accaaaggat tgtgaccgca gaccgagccg ccaccggcaa ctaacctatg 300

<210> 733  
 <211> 267  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(267)  
 <223> n = A,T,C or G

&lt;400&gt; 733

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atattcatca acaccgtcag tcttactgta attataacac tggagggtcag ttagagggca	120
atgcagccac ttcctatcag aagcagactg acaaaccacg ccactgtagc cagtttgtga	180
caccttcgtg gatgangaga cagttctctg taccantct naaagctggc nnanaaccac	240
ngnntanntn agatatttgn gccaaact	267

&lt;210&gt; 734

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 734

tcactgatgg tttgctgttt ggaagccatt ggcagggtcg ccgtgcatgt ggctgtgagg	60
gctgcacagt cctgccaaag ggcttctctc ttgtcaccac gaaccttgta atcgtgtgct	120
ggcgtggcag ccctggctaa gttaatcccc accgctttca gtggtagaaa gaattccctg	180
agtgggccag gctggtgccc tctctctacc ctggcttttc tgagttagct gcctggagcc	240
ctcatccctc ctcccaggct gggctggccc tgggcggggc cactgtgtgc tggccactg	300

&lt;210&gt; 735

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 735

gtgactccaa gccacgtcc tgcagcgaga ggcccctgac gctcttccac accgttcagt	60
caacagagaa acaggaacaa aggaacagca tcatcaactc cagtttgtaa tctgtctcat	120
caaatccaaa cagcctctt aattccagca gcagcttaca gccaacatg aactccagtg	180
acccagacct ggctgtggtc aaaccacccc ggcccactc actcccccg aatccaagcc	240
caacttcacc cctctcgcca tcttgccca tgttctcggc gccatccagc cctatgcca	300

&lt;210&gt; 736

&lt;211&gt; 281

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 736

ccgggctgaa cagcctcacc agcatgccat gtactacctc cgcttgctga tgactgaagt	60
ggcctggact aaagatgagt taaaagaagc tctggatgat gtaacccttc ctgccttaa	120
ggccttcata cctcagctcc tgtcacggct gcacattgaa gcccttctcc atggaaacat	180
aacaaagcag gctgcattag gaattatgca gatggttgaa gacaccctca ttgaacatgc	240
tcataccaaa cctctccttc caagtcagct ggttcggat a	281

&lt;210&gt; 737

&lt;211&gt; 295

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(295)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 737

gccacagcag cagccacagc cgcaggcgcc ccagcaacca cagcagcagc agcagcagca	60
gccaccacca tcacaacagc ctccaccaac acagcagcag ccacagcagc ttgaaatga	120

taacaggcag	cagttcaatt	caggtagaga	ccaagaaagg	tttgaagaa	gatcttttgg	180
aaataggggtg	gaaaatgata	gggaacggta	tgggaaccgt	aatgatgata	gngatantag	240
tnaccgtgac	nggatagagn	gnngnagnag	nnnttttttn	ttntatnttt	ttttg	295

&lt;210&gt; 738

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 738

cagacagcca	aacagacctt	ctgtttcatg	aacaggcgtg	ttatatctgc	taaccatata	60
ctagggggca	cctccaacgg	ctatgcccac	cccagcggga	cggcacttca	ttatgacgat	120
gtcccgtgca	tcaacggctc	gtgggaaccg	gaagacggct	ttcctgcttc	ctgcagcaga	180
ggcttgggag	aagagggtgt	ttatgataac	gcaggcctgt	acgataactt	gccgcctccg	240
cacatctttg	cccgtacttc	tcctgctgac	agaaaggcct	ctaggctgtc	tgctgacaag	300

&lt;210&gt; 739

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 739

tctgggcctt	aggcctccac	aggagcaagt	ggggcctctg	atggtaaaag	tcgaggagaa	60
agaagagaaa	ggcaagtacc	ttcctagcct	ggagatgttc	cggcagcgct	tcaggcagtt	120
tgggtaccat	gatacccttg	gaccccgaga	ggccttgagc	caactccggg	tgctctgctg	180
tgagtggctg	aggcccgaga	tccacaccaa	ggagcagatc	ctggagctac	tggtgctgga	240
gcagttcctg	accatcctgc	cccaggagct	ccaggcctgg	gtgcaggagc	attgcccggg	300

&lt;210&gt; 740

&lt;211&gt; 299

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 740

ccgatacgag	gcaaacgggg	aagttaagca	aagaccaatt	cgcgttagct	atgtatttca	60
ttcagcagaa	ggtcagtaaa	ggcatcgacc	ctcctcaagt	cctctcgccg	gacatgggtcc	120
cgccttcgga	gagaggcacg	cccggcccgg	acagttcagg	ctctctcggc	tccggggagt	180
ttactggcgt	gaaggagctt	gattgacatc	agtcaagaga	ttgcccagtt	acaaagagag	240
aaatattcac	tggaacaaga	cattcgagaa	aaggaagagg	caatcatgac	agaaaacca	299

&lt;210&gt; 741

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 741

ggatagccca	cctcatgttc	ctgtacctga	actctcaaca	gacactgtta	taaagtgtgat	60
cactaatatg	acaaccacca	tccagagtct	ctttccaaat	ctccagggtt	tccctgcgct	120
gggtaatcat	gactattggc	cacaggatca	actgcctgta	gtcaccagta	aagtgtacaa	180
tgcagtagca	aacctctgga	aacctgggt	agatgaagaa	gctattagta	ctttaaggaa	240
aggtgggttt	tattcacaga	aagttacaac	taatccaaac	cttaggatca	tcagtctaaa	300

&lt;210&gt; 742

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 742

agttaatgcg ccagaggcag cagcagcaag aggcctctccg gaggttgag cagcagcagc	60
agcaacaaca gctggcgag atgaagcttc cttcttcttc aacgtggggc cagcagtcca	120
atacaacagc atgtcagtc caggccacgc tgcgttggtc tgaaatccaa aaactagagg	180
aagaacgaga acggcagctt cgagaagagc aaaggcgcca gcagagggag ttgatgaaag	240
ctcttcagca gcagcagcag cagcaacagc agaaactctc aggttggggg aatgtcagca	300

&lt;210&gt; 743

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 743

ggaacgaggc tttgctccat ggaagtgtct accagtctga gtacatagac ctctctgaaa	60
aaattaaaca gggagatagt agcctggagt ttggcatcaa acctggtgac ccacgcgttc	120
tgcagaagtt agatgacgat ggattgccgt ttataggagc aaaactgcag tacggagatc	180
cgtattacag ctacctcaac ctcaacaccg gggaaagttt tgtgatgtac tataagagta	240
aagaaaattg tgttgtgat aacatcaaag tgtgcagtaa tgacactggg agtggaaaat	300

&lt;210&gt; 744

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 744

ggcagtcac aggcacctcag tgtgatacag ccaattgtaa aagactgcaa agaggctgac	60
ttatccttgt ataataaatt ccgattgtgg aaggatgagc ccacaatgga caggacgtgt	120
cctttcttag acaaaatcta ccaggaagat atctttccat gtttaacatt ctcaaaaatt	180
ggcttcagct gttctggagg ctgtggaaaa caatactcta agcattgaac cagtgggatt	240
acaacctatc cggtttgtga aagcttctgc agttgaatgc ggaggaccaa aaaaatgtgc	300

&lt;210&gt; 745

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 745

aaccaacact gatggcagca gttccggaaa tcatggatcg gatctacaaa aatgtcatga	60
ataaagtcag tgaaatgagt agttttcaac gtaatctgtt tattctggcc tataattaca	120
aatggaaca gatttcaaaa ggacgtaata ctccactgtg cgacagcttt gttttccgga	180
aagttcgaag cttgctaggg ggaaatatc gtctcctgtt gtgtgggtggc gctccacttt	240
ctgcaaccac gcagcgattc atgaacatct gtttctgctg tcctgttggt cagggatacg	300

&lt;210&gt; 746

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 746

ccgatacgag gcaaacgggg aagttaagca aagaccaatt cgcgttagct atgtatttca	60
ttcagcagaa ggtcagtaaa ggcacgacc ctctctcaagt cctctcgccg gacatggtcc	120
cgccttcgga gagaggcacg cccggcccgg acagttcagg ctctctcgccg tccggggagt	180
ttactggcgt gaaggagctt gatgacatca gtcaagagat tgcccagtta caaagagaga	240
aatattcact ggaacaagac attcgagaaa aggaagaggc aatcagacag aaaaccagcg	300

&lt;210&gt; 747



<211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 747  
 gggactcgtt accatcactc ccaccacagg ctccgatggg cgcccagatg cccgggtccg 60  
 cctcgaccgc agcaagatcc ggtctgtggg caagcctgct cttagagcgt tcctgaggag 120  
 acttcagggtg ctgaagtcca caggggatgt ggccggaggg cgggccctgt acgaggggta 180  
 tgcaacgggc actgatgcgc cccccgagtg ctctctcacc ctacagggaca cggtgctgct 240  
 gcgtaaggaa tctcggaagc tcattgttca gcccaacact cgccttgaag gtcagacgt 300

<210> 748  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 748  
 atacagcaga gcctagaaca agaagaagct gaacataagg ccacaaaggc acgactagca 60  
 gatgggaaat aagatctatg agtccatcga agaagccaaa tcagaagcca tgaaagaaat 120  
 ggagaagaag ctcttgaggg aaagaacttt aaaacagaaa gtggagaacc tattgctaga 180  
 agctgagaaa agatgttctc tattagactg tgacctcaa cagtcacagc agaaaataaa 240  
 tgagctcctt aaacagaaag atgtgctaaa tgaggatgtt agaaacctga cattaataat 300

<210> 749  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 749  
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 gcataaaaagg atccacacag gtgagaaacc ctatgaatgt gatgagtgtg ggaaggcata 120  
 catctcacac tcaagtctta tcaatcataa aagtgtccac caggggaagc agccctataa 180  
 ttgtgagtgt gggaaatcct tcaattatag atcagtcctt gaccagcaca aaaggatcca 240  
 cactggaaag aagccatacc gatgtaatga gtgtggtaag gcttttaata tcagatcaca 300

<210> 750  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 750  
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 tggatgttcc tcacaatgtc caagtggctg cagtgggttg cattggcctt gtatatcaag 120  
 ggacagctca cagacatact gcagaagtcc tgttggctga gataggacgg cctcctgggc 180  
 ctgaaatgga atactgcact gacagagagt catactcctt agctgctggc ttggccctgg 240  
 gcatgggtctg cttggggcat ggcagcaatt tgataggtat gtctgatctc aatgtgcctg 300

<210> 751  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 751  
 gaaattcttg tcttcccttc cgagcaacgt ttgcaacgat gagaggatgg ctgcaggaaa 60  
 cggcaatgag gatgactgtt ggaatgggaa aggcacaaagc aggtacctgt ttgcagtgc 120  
 aggaaatgga ttagccaacc agggcaacaa cccagaggtc caggttgaca ccagcaaac 180

agacatactg atccttcgtc aaatcatggc tcttcgagtg atgaccagca agatgaagaa 240  
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<210> 752  
 <211> 292  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(292)  
 <223> n = A,T,C or G

<400> 752  
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 atccnntga gcnacanaat gagatnccat cncaaanttc agtacctana tccttanntt 180  
 agagattgtn ttganacnln aanntcctgg accttatctg nngctccct angtngngt 240  
 nctntnann ttntntntan tnngentntt gctnanatna tantccagt ca 292

<210> 753  
 <211> 290  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(290)  
 <223> n = A,T,C or G

<400> 753  
 aattccgttg ctgtcgggtt tcacatgtt ggccacgtg gtctcgaact cctgacctca 60  
 ggtgatccac cctcctcggc ctcccaaagt gttggtacta caggtgtgag ccactgcgcc 120  
 tggctggatc taactttttt tctccttggg tttactcgct cactttgatg gattatgtg 180  
 tcttgtgttt tcccnntatt agaantcang ggaaatgant nttttganaa ctttcatatg 240  
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<210> 754  
 <211> 259  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(259)  
 <223> n = A,T,C or G

<400> 754  
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 ttggcctagc ttcgactgac aaggtggctg ttataaattt gactcnattg tnagnngatg 120  
 aancctaagt cagctnanga cttnatcata tnttncnt gangnctgac tgctngctca 180  
 tgtatnactt nctntatcna nttgacngnt nnnnattctg anntgntggt ntgtactnta 240  
 cnacaatcag agctgccct 259

<210> 755  
 <211> 257

<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(257)  
<223> n = A,T,C or G

<400> 755  
aattccggttg ctgtcgcaaa ctccctaggct caagcgggtcc tcccactgtg gcctcccaaa 60  
gtgctgggtg gtgtgagcca ccgtgcctgg ccagttaatt tnttttaneg tanntntttt 120  
tnnttctnat atttatcngn tgcnnnctan nntnanatta nntntttnan atnnncnccn 180  
ttcnnnnnna ccngtgnntt ngcatttnan nttttctaan tatnttaanc ntgatnattt 240  
tncgttnaan ttttnna 257

<210> 756  
<211> 234  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(234)  
<223> n = A,T,C or G

<400> 756  
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ctcattgcta aatcatgctc tggggaagtc tgccatttaa tatgtcatag actagggcta 120  
cctagtgtgt actgatggtg tttgagctga agaaaatgcg tgtgtgttcc tgtaaggtaa 180  
gaggagcttg acattcacta aggagataat gaggcattga caggctgnnn tgna 234

<210> 757  
<211> 300  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(300)  
<223> n = A,T,C or G

<400> 757  
ctactccttc tttttgcagg catcccatTT nattcgaatt ccgttgctgt cgctttataa 60  
tgcaatttcc agacccttta tcatccttgc tcttgatagc tgtttgtcag catccctctt 120  
aaaatgtggt tcccaggagt ggacatgctg tgtcaacata tacactgaga cagttgacct 180  
ctttgttctg ggccgagctc attaatctag ggactggggg tccagagtgt ctgtcaagtc 240  
cctgaaatta actgtaaatt tttgtatgtc tagacatatt tatgggagga aaacttattg 300

<210> 758  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 758  
aattccggttg ctgtcggcgg tataaaagta gctgtgttgg atggtaaaca cacaggcccg 60  
attacctgtt tgcaattcaa cccaagttc atgacttttg ccagtgcgtg ttccaacatg 120

gccttttggc tgcccaccat tgatgactga ccctgttgct gcttggtat ttctgratag 180  
 tgagggcggc cagcaggaag aaactcagag ggaactgaga taatagtggg attggatcat 240  
 ttgactgggc tggagaacat ccttttacat ggccctccca tggatgtgct gtacatctgc 300

<210> 759

<211> 300

<212> DNA

<213> Homo sapiens

<400> 759

cgttgctgtc gggaatccct gccaaaggtaa cttgacagtc ggccctaattc tgttgacaga 60  
 aaatgaagcc ttgacgggtc taattatcca aaagtgggtt ttcacagga cgtacagtca 120  
 gagtgtgagt gcattctaata gaaaacttct tcagccctca ttcaattgca tacaaaagcc 180  
 ctcaaagaga acatacagta cagcagtttt gtaaaaggca acaatacgat ttgtacagac 240  
 cccgacactc caatcctata gatcaccacg ttgctcctct gtccccagca ccccttattt 300

<210> 760

<211> 300

<212> DNA

<213> Homo sapiens

<400> 760

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 attaaagtta gcattcctgg acagagcctt tcatacattg aagacaaccg ggtgagtctc 120  
 aaggggagag gtgtgggaga gatgaaagga tttctccagg cctgttcggc agcatggact 180  
 gttcttttag gtaattaagg gagaccatag aagacaattg tgtgagtcca tttacctttc 240  
 acttgggggc cttaagtctt tggttgggct tctttaaccg tgtgtgtcac ccacggactc 300

<210> 761

<211> 300

<212> DNA

<213> Homo sapiens

<400> 761

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 gctgaggcct taaaggaaat ggacaaaaat tatccagaag ggggtacttt ccattgtatc 120  
 tttctaataa ggggttataa tgggtactatt atggtattgt acttgggctt taacatcaat 180  
 gttgctttga tgttgttga tataaatagg aatttttaca cattactatt gtgaatgggt 240  
 aatgttcatg tatgacctac ttgtaattaa cttgagttgt agtccacagc ctcaggacaa 300

<210> 762

<211> 293

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(293)

<223> n = A,T,C or G

<400> 762

aattccgttg ctgtcgaaac gcagtaatgc atgaagagtg ccgggcatgg tgctgagccc 60  
 tgttcctgct ctcctccag ggctgctgag ctagaattcc cacctatgtc tttccaaggg 120  
 actgttcacg gcttgggact tgggtctctgt cctgccccat cctcgtcact tgagaccacg 180  
 agccctgggt cagncaccna gngaagccac ccacggctc atgaatcntn aanncttnan 240  
 gcancnnatg cctngcngcn tggaaatnanc ttanngtttt gacctgatgc acc 293

<210> 763  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 763  
 aattccggtg ctgtcggaga gacctagcaa tgtgaagtaa caaagatcag gcagctgcaa 60  
 gtgactcctg aatcttgagt ccagggcttt cgccactaca gtacagtggg tttcttttct 120  
 ttggtcgggg agagtgggct ggaatggaga gtgaggccca caaattacct gcagagacgt 180  
 ggaggcgtga gggagaacat gcttggttaa tatgcaggta gattaggaga caccaaacag 240  
 agattcagac acagtaaggc tgggatgaga tcctcgaagc tgtgttttaa caaactccac 300

<210> 764  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 764  
 aattccggtg ctgtcgttg tcctgttggtg atcagagttt cacaagtgcc tctcagtgcc 60  
 taaggcaaac tggcacattc tctatgaaaa agacaattat tgttcttggt caggtggcca 120  
 gttggccag ttgattttgg agcatagtgt taataaagggt tagtctcttc agatatgagc 180  
 cagttgactt ggctatataa atagctgctg tcacgggcag gtcagaggta tgtgtgtgga 240  
 tagactggat ctgtaaccac caatcagaaa tcaatcagca atcatttact gagcatttgc 300

<210> 765  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 765  
 aattccggtg ctgtcggctc tacgatggag tcaaggccag attgggctct atttccacaa 60  
 ccccttaagg agtagctcac cagtgtccta agtggctggt tcctgggtga acatagtaca 120  
 tatttgctgt cagcgtggga ataccagtga gaatctcatg catggacaga ggacatgatc 180  
 atctttatgt ttgtaacctc gggcctggaa cagtctcctt ttgtgttcac ttgattctga 240  
 aaggtcagtg ttttagaaca ggcttttcac atgggttcacc aggaggccag ttagatcctg 300

<210> 766  
 <211> 265  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(265)  
 <223> n = A,T,C or G

<400> 766  
 aattccggtg ctgtcgggtga gaaagtatgc cactctttaa ttagctctta taattggagg 60  
 gttattccct gagtagagat taaaagctgg ggaaatgttg aatcctacaa aattcttgtg 120  
 ttgccgtcac tccaggttgc tacaacactt tagatattcg tatgaggag tcatatttgt 180  
 tttacactaa cnggaaacta tgacaataan tatatgagta ncnncattat antncttnan 240  
 aatccaccaa gtgagnnnct gctat 265

<210> 767  
 <211> 296  
 <212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(296)

<223> n = A,T,C or G

<400> 767

aattccggtg	ctgtcgggta	ctgagttagt	actgtataat	gtagtgagta	gtgatgatga	60
gcatggattg	attattggct	tatcttcttt	gtttttttgc	ttttgatttt	ctttattttt	120
ttttganang	cattgnccta	ntgaacntnn	aaactgaatt	aaggnccccc	nnnnnnnca	180
cttncnntnt	nccnngggaa	aangnccca	acccccatnt	naaanncacc	agctccaaca	240
cacgantanc	nttnatgagg	anttggctna	cnatgagaan	ccccgaaaga	agtaac	296

<210> 768

<211> 267

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(267)

<223> n = A,T,C or G

<400> 768

aattccggtg	ctgtcgggta	atttgacact	gctgctggca	gtagttctct	attcaccatt	60
ttaaagccca	ttcaggttct	ctcttcctga	aaagaactga	ttgctgtgtt	tacatgaaat	120
gacattggag	tcagatggtc	tgttttaaag	atttctatga	cagcctatct	tcctgagttg	180
nananattgg	aggttcctg	nntcnntaa	aactgaanaa	cgcnnngnaa	naggcnatga	240
ncgatctnct	gcnnagggcn	tttgatg				267

<210> 769

<211> 269

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(269)

<223> n = A,T,C or G

<400> 769

aatttcggtg	ctgtcgggacc	cagcaaattt	tttgatattt	tagtagagat	gggggttcac	60
catgttggtc	aggctggggt	cttaccaccc	ccttgaaagc	ctaccncccn	ccnccggcnn	120
tnnaanagcc	nnnagtntan	gnnagtcna	ccnnaccnnn	nctannncnn	gtccnnntcc	180
atgnggncnt	atacccatnc	atnctacncc	atctctncc	ccnnncagtc	atcnctaccn	240
tncttcacaa	actcncnccn	tncttnang				269

<210> 770

<211> 300

<212> DNA

<213> Homo sapiens

<400> 770

aattccggtg	ctgtcggggt	tctgtagagg	aatgtcttcc	aggtgggaga	agaatggctt	60
tcatttttaa	caaccacaca	ctataaaca	agcatcccga	gagcacgggt	acctagcaga	120

```

agaagaacga agtagccagg aaacaagttg cttttcagca tccccactga aatgataggg      180
tacttttagaa agcgggtggt ggcattcttt ccacaagtac agcaagtgtc actgtggggg      240
cttaattctc tcgaatctgc ctttagaagg cagaaggcag aatgatcagc tctgctctga      300

```

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<210> 771
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 771
cattgatgtg caaataatga gattccctat ctcttttag acctgggacg gcaaaaggga      60
aggggaaggaa acttagcaga gtgctattga ctatagattc acatattagc aacaaaatcc     120
cgtaattctt ttggccaaca gcagctatct tggggagcag ctgtggctgt tacataaata     180
gagatgcagc caaaatttta ggccttttat cctgcttcta gcagaaaaat gcagggagag     240
tcaagtgtc tagggtttca ggttgctcc cctcatatgg ttttggcca agtgactaaa     300

```

```

<210> 772
<211> 206
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (206)
<223> n = A,T,C or G

```

```

<400> 772
aatccggtg ctgtcgctga ttatccgaat gagtaagcag atgtctcact atgtggatgg      60
tccgttacct gggatattct gggntnctgt agntgaacta tgacagagga accagantca     120
taatgancn tctgatnagg ngaggcgat ngagannatn nctcennccn ttanctnctt     180
nacanntaa attnntaata tacatt                                           206

```

```

<210> 773
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 773
aatccggtg ctgtcgaaaa aggtcattcc cagtcttttt agactcctgt tttccaggga      60
gacatcctct gatcctttga gcttcattgat gaatcacctg aattctgtag gcgacacatg     120
tggactagag cagattgata tgtttatact tggatactcc cttgaagtaa agataaaagt     180
gttcagactg ttcaagttta actccagaga ctttgaagtc tgctaccag aggagcctct     240
cagggactgg ccggagatct ccctgctgac cgagaacgac cgcactacca cattccagtc     300

```

```

<210> 774
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 774
aatccggtg ctgtcggtca cttatgccta taagcgggca tacaacaggg gcacaataaa      60
tgtttgtaa gtgaatgagg gctttgagaa ctatagtgga tcttagtcca actctcttat     120
ttaacgaggt ccacagaggt tctgcgattg tctaagaaag aaggctgtgt tcatggcctt     180
tgttgtttac gtggccctgt gattctcttg gtcctgtgaa agtcctgatg cagacattcc     240
ggccatctag aaaggcatgc agacaagcca tccagctggc atgatcctga gtccagcttt     300

```

<210> 775  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 775  
 cagagcgtgg caggagctct tggtggccc tgctgggagt ttcgtctcct agcaggtagc 60  
 gaaagccatg agggatgctg ctctcagcaa caattctgcc ttaacagaga aggcagacca 120  
 gtcctcagga cctggaggga ggtcatgttg tggacttcat agctggaaaa gaacactgga 180  
 ttttaggaac acggtcgcag aaagtttaga ctaagaagta gattcttctg ggttggagca 240  
 tatttccaga agagatgata aagttacaag gatgataaga tggtaataga tgccttgatt 300

<210> 776  
 <211> 292  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(292)  
 <223> n = A,T,C or G

<400> 776  
 aattccgttg ctgtcgattc attttgtata atcatgtatc ctcttgtgtg ctggtagaga 60  
 ttttaatcct gatttttcca taaaacatga gtattaagaa ataattcctg gtttggagaa 120  
 actggataaa tcaccctttt aaggaagaaa cactggaaat ttctgctaac accaagatat 180  
 tnaagagtgg acatantagg tgcntnancn cattaattga nngaataaan gnttnnaaan 240  
 actntcanan cncntatnct nnnctaannc tnttcnannn acnnnatttt tt 292

<210> 777  
 <211> 299  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(299)  
 <223> n = A,T,C or G

<400> 777  
 aattccgttg ctgtcgggga agtggggccaa aggaatcagc tttaaaagcc cttaaatagtg 60  
 acatgccctt atatattctg tcatcctctc aaggtagagg gctgaaacct cattatgctc 120  
 aacttatgag gctttttgtt gtggttcctg atgctccttt gcagataata ctaatgcctc 180  
 aggttcagcc agggccacca ccatgtccgg tattctaccc agaaaaacaa gaaatcaccc 240  
 ttccacctga tggcctttgg gttttgagat tccttatgcn tatgtgactg anagaggac 299

<210> 778  
 <211> 293  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(293)  
 <223> n = A,T,C or G



<400> 778  
aataccggtg ctgtcgaaga tgtaaagcca cattgattca ctcagccaac cagatcaatg 60  
gctcatttgc actcaattta attcatggaa agacgaaagc agagacagaa caagccaaaa 120  
gtgagtttcc cttttgactt attatcactt ccacatntnn ctggggagca gattgtncag 180  
agagagaaac ngnnagcnan tgtgtcaagn gttancnnen ggangaangc ctcaaaacga 240  
cntaangnng nnnaagcagc nngaancagc tcnctgtggt gaacncagaa gtg 293

<210> 779  
<211> 300  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(300)  
<223> n = A,T,C or G

<400> 779  
aattccggtg ctgtcgcgag gctccatgat gcagcttacg tcggggacct ccagaccctc 60  
aggagcctat tgcaagagga gagctaccgg agccgcatca acgagaagtc tgtttgggtgc 120  
tgngtctgnc tctactgcat acnggtgcaa ntntcggntn nttttngnnn anggtngctt 180  
nngtnnnntt gtantttnnn ttatntcttc tnnnttntc tttaatatcn tnttntntn 240  
gtncntnntt nttttnctna anancncatn tnantttncn cnngtnttct ntnccttctt 300

<210> 780  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 780  
aattccggtg ctgtcgggtt gttacagaag gagaaagtgg cagttgaagc atttcagatt 60  
tgctgccttc tcctacctcc tgaaaatagg agaaagttac agctattgat gaggatgatg 120  
gcaaggattt gcttaaacaa agagatgcca cccctgtgtg atggcttttg taccgaaca 180  
ctgatgggtc agacattttc ccggttgcatc ttgtgttcca aggatgaagt ggacttggat 240  
gagttattag ctgctagatt ggtaaccggt tctgatggac aattaccagg aaattctgaa 300

<210> 781  
<211> 280  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(280)  
<223> n = A,T,C or G

<400> 781  
aattccggtg ctgtcggcat atacagcaaa ttaaaggacc cagaaagctg gatccaatag 60  
tgacctgggt acaccaatcg gaatttgaa tttggggaag tcaagggtg ggatcaagag 120  
gtggattgga actaatgcca tgtaggatgg tatgactagg cancantgtg ttgtntctg 180  
tntatatant ggtgtcctnc ctntcttgn tntntcctg gtgntntnnt ncnactanat 240  
agtgactcct nagtcggggn cgctgcccct gttgaatttt 280

<210> 782  
<211> 262  
<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(262)

<223> n = A,T,C or G

<400> 782

aattccggtg	ctgtcggttaa	gttggttggt	cagtgtatgc	tggggacaaa	gaaaaactaa	60
caagccgacc	tgcctttatg	ataaattcta	gtgtgcttac	aagggatgac	ttcctgaggt	120
gtgatctgnc	caccttgaag	aactccacan	ntgannaagg	ggagctgtga	tancgagaat	180
tgggnnnnnn	catnnggtn	nancaanggg	nnntnangnt	naaanatecc	tgantnaaat	240
gnncnnnnnn	naaaaaattn	tc				262

<210> 783

<211> 299

<212> DNA

<213> Homo sapiens

<400> 783

aattccggtg	ctgtcgctca	aacaaaaaag	ggacatttat	gtgcagtttg	gacagcaaac	60
caagtccctg	acgtaaaatc	gaataaaaga	cacattcata	tccaatagag	accacacctg	120
tattcatatg	ggaacaatct	ggaatagtga	tatcctcaag	gggtaaaaaa	tatataaata	180
tatatatata	tgacaaaagg	tatgaaatgc	aaaaaagaaa	aaaaaagggtg	acagccgcag	240
ttgatgctgt	gatggccgtg	aagtgtcctg	ggcctcccga	ggcctctgac	aaataaaca	299

<210> 784

<211> 261

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(261)

<223> n = A,T,C or G

<400> 784

aattccggtg	ctgtcggatt	tgtgtcttga	ccaggggcca	gatacagaga	atgtcccat	60
catgtacatc	tgccatggga	tgacgcctca	gaacgtgtac	tacacgagca	gtcagcagat	120
ccatgaggcc	attctgngcc	ncacngnnna	tgatnnnnac	accngataca	ncatgntgta	180
gtgccctnct	acagacantg	ncnatcagtg	ncncttann	ngacnccaan	nnanttnccn	240
nngtgtccct	ttannnaca	g				261

<210> 785

<211> 300

<212> DNA

<213> Homo sapiens

<400> 785

aattccggtg	ctgtcgcttg	tttttcagac	ctcgaactat	ggagaacagg	aattgaagcc	60
caggtggatg	gtccaatgcc	agaccatgga	tcatcagcct	gggacaccaa	agtgccacac	120
tctcagagtg	aggatgattt	ttaggaagtc	agctctacca	ccctccatac	caggaagtgc	180
aagcagactc	atctcatgat	cgagcagaat	atgagaatcc	ttttgaagtt	ataagtctgt	240
atggatttgt	agcacatgtt	catacaatta	gatgggacca	aatcccttaa	tttattaaga	300

<210> 786

<211> 262  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(262)  
 <223> n = A,T,C or G

<400> 786  
 aattcggttg tgctcggaagt tattgctttc caggggtcac tctggcttcg actccgtcgc 60  
 tctcaattcg tcaccaggag gaagacggag ctggctgccc agcccaaagg cccatgaggg 120  
 gatgcagtta tgggctctgt cgccgtggat tgttattttg tgcagtann taatncntnt 180  
 tgngcnnaca tgnnaagaa ncnctcnntg gnaananctg ttcnntcga agattncntt 240  
 gagctnnnaa ncnnttgnnt nt 262

<210> 787  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 787  
 aattccggttg ctgtcgcaag ggtcttctct ttcactcaag ctgccattct cctagccatt 60  
 tgtggcttga caccccaaga gctttattct ctcttttcat tgcttgagtc caccaagata 120  
 ccaagttagg tcacctttta ttttaaataca gccccaacga gggteccctc cttttcactt 180  
 ttactcctct gctctaatac aggtcttcat aaatttttgg gcttttagct gatttcctg 240  
 cctgcctctt tcaaagccct ttaccactg cggaatcata tttaccatgc aggactgcca 300

<210> 788  
 <211> 285  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(285)  
 <223> n = A,T,C or G

<400> 788  
 gacaacttca aaaacaaatg agaagcccaa ggaactgtga gcaattaaaa gcaaaccgcg 60  
 acaccctttg tctccaccac acatagtgtg ctttggaagc acaacgtcca ggctggtacc 120  
 gcagcgccat gcccatcct nttntnattc nttggacact tcaatttcnt nnatannntt 180  
 attanntnt gntttnattt tanncnntct gntngctntt taaatttnnn ntntcntann 240  
 ngttntnnan ntnananata ctntntnttn nactnntatt ttaca 285

<210> 789  
 <211> 266  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(266)  
 <223> n = A,T,C or G

<400> 789

```

gtccgacgcg cctggctagg agcgccgacc gcagggcctc tacggacctt actagaaaaa    60
tgaaacctga tgaaactcct atgtttgacc caagtctact caaagaagtg gactggagtc    120
agaatacagc tacattgtct ccagccattt ccccaacaca tcctggagaa ggnttggcnt    180
ngagnnctct nngaangnnn nnnennngnn tggganntnn actgtctntt ncattngtnn    240
tntctttgan tttctattnn gncacg                                     266

```

```

<210> 790
<211> 300
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(300)
<223> n = A,T,C or G

```

```

<400> 790
cctggcantt tnccananat ctctaantnc gaagctgtcg aaagaccaca agtttcagag    60
catggagaca ttctgtctga atcgccctct caccctcctc gcaattgtct attctagggt    120
tgggcatcat agttgtctcag tcttaattcc catgccaaag gacaaacagg tgtgacattt    180
ggaatagatga atactgggat tggctctgga gcatgtgttt tgagttgaac cttgcagtcc    240
tttctctacg cccgtggatt ttgtggaaac actttgcaat ctctttgtct tttttttttt    300

```

```

<210> 791
<211> 292
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(292)
<223> n = A,T,C or G

```

```

<400> 791
aattccgttg ctgtcggccg ctctctgtaa gtgtttgctt gtgcaaaagg gaatagtgcc    60
gtggaggtgt gtgtgtccat ggcacccgga gcgaggcgac tgctcctgcgt gggtagccct    120
aggacgcaga gtgaggccnc canccanagt cagacccttt gnacctggna catngtanca    180
ttanacactt tatatacctg agccnatnag ccntgtncct caancancan ccctgacttg    240
gatatgnnga anaggacnan tttggngcnt cnnatactnn tttngcttac tc          292

```

```

<210> 792
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 792
aattccgttg ctgtcgtctca ctacctttgg accagccagg gctgtttata agtgctaaag    60
cccgaacaaa ccaaagagtt ggggagaaaag gcctaactaa cagctgagtg attgtctaac    120
agactgtctt ttaggccagt gactctggca tagggcaggc tgcatagcca gcaacatccc    180
ttaccacagg tctagtgatt cctctgggct caaatgtgga ggctacacac ccactcctta    240
gcagaggttg gcctggcacc tgctggtgcc ccaagaacta tggcatggtt agaccctggc    300

```

```

<210> 793
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 793
aattccggtg ctgtcgtcca ttctttggac acccaaaactc agccccctta aagagtggaa      60
acaaaacaag ctgcactttg cagaggtggg aaatgaaagg actcttggcc taacttcaag      120
agtcccctgg ggtttgaagg ggcaaagttt gagtctggat ggaacctggg ctgaggtacc      180
ttaagcttcc ccccgcaaca ccccgacctc agggattgcg ggagttgtca gagatctgat      240
ggatccgaaa ggggcagggc caggggatta ggtttggggg cagaggttct gttttccagg      300

<210> 794
<211> 260
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (260)
<223> n = A,T,C or G

<400> 794
aattccggtg ctgtcgcggg gaagtggaag cgccggggccc tgctgcgggg gggaggtgtg      60
ggaggtttta cnaatggga cttgggtata tttnttatta aantnattat nantntntnta      120
tnactatntt ntatnnnat atnttttant ntnttcctta cnnttnttnc tnttaaattt      180
nttntctata ctntntttan ntntgntatn tatnttttn tatntntnta nttatattaa      240
tntnttttac atatnttaaa                                260

<210> 795
<211> 300
<212> DNA
<213> Homo sapiens

<400> 795
aattccggtg ctgtcgcctg tatatcccct aaactcctca cctatatcac aaaaacctgc      60
caaggcagaa tacattccct tgggaaagga gctttggcgg gcaagcaggc atcgggtccc      120
atctgacacc agcgtgatcg ccacaggagc catctaggaa aggggaatgg aaactgagat      180
gctggcactt tgggccttgc caatgagcta aagcagtgtg taattaagga attgcacagg      240
cttccttccc caggacaaag cagcgcacag tcttcttggg ttactgtcct cttacagcaa      300

<210> 796
<211> 300
<212> DNA
<213> Homo sapiens

<400> 796
aattccggtg ctgtcgcctg ggtataacct aacccaaaga aaagtggcat gtgctgaaac      60
tgagtgtcac agagctgtga ggttgggtct ttgggattag cttcattttc cagggttttg      120
cctttgccct tcaaccaaag gacaaagtca tgtaacagc tgctactaag tctatatgcc      180
cattcgttca taccacaaaa caggcatctg actcctctgg tcaccatgga atcaaggcac      240
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<210> 797
<211> 300
<212> DNA
<213> Homo sapiens

<400> 797
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gatggaggag cctcccattt ggtctttcct ttccgtttgg tttgtcttcc aaatctcctc 180
cagcctgctg tgtattcctc agcaactcac ttcaagcacc agcctgatcc tgtagatgaa 240
ccctgcataa ctttctccgt caacaaacac ctgaggatct gctgtgtccc cagtactagg 300

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&lt;210&gt; 798

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 798

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aatgcaggaa ggtgccaaag ttgacttaga tgccatccca agtgctaaaag tacgagagca 240
aagaatgccc agagatgaca ctagtgattt cttgaaaaac tcattattgg aatctgatag 300

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&lt;210&gt; 799

&lt;211&gt; 259

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(259)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 799

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tnnactgatn gncnncttg tgnnttcnag tgaganntcn gtantcnggg tgcactccnt 180
gctgtacnct cnnccctatn ctgngnctac tctgatnatg antcnaccct tatnngnctn 240
nctgctcntt tgctctcng 259

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&lt;210&gt; 800

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 800

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atTTTTtagtt tttcgagtac accgtccag aaagaaatac gctataacac ccaccagcct 60
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tccaagaaat gtgtccaggc tgcgaggaag gagtcgagtg acagtttcgt tccactctta 240
cgagactgca ccaactcgga tcatcagaaa tggttcttca aagagcgcac gttatgaagc 300

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&lt;210&gt; 801

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 801

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gcatccaaa aagcactg taaaactggg aactgtgtct tacccttctt gagtgaagaa 180
ggaaagttaa tgcctcagcc tgaggcaggc gggccccctg ccatgcacac ctttgtcctg 240
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<210> 802  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

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 cctttggggc atattgtggc caatgagaaa tggcgcgggg cacagctggc gcaggagatg 180  
 caagatgctg cattctttat gtcaccgaag ctgatttggt ggcaggaaat ggctacagaa 240  
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<210> 803  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 803  
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 catctgtca tcattctccac tgtcccaagc agtcactagg tggcgggcgg gccagctgga 180  
 acccagccca tcctctcagg cagagcaggg tggtcggggc acactggggc tgcctctcca 240  
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<210> 804  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 804  
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 ctcaacaccc tggcgttccg aacaccctcc atggccaaag tgaccactcc ctgtctgctg 240  
 aagtgttttc atccccatgc tcacatggac acccagccac cagcgtgggtc tcaggcacat 300

<210> 805  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 805  
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 ccagtgcgc caccagttct gcagcggctg ctacaatgcc ttttacgcca agaataaatg 180  
 tccagagcct aactgcaggg tgaaaaagtc cctgcacggc caccaccctc gagactgcct 240  
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<210> 806  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 806  
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ctgggattat aggcattgagc cactgtgcct ggctctgctc catgaatgta .gagaagagag 180  
gcattttccaa gaccagggtga ggaatccaca tggggtgcac cctaaggcag aaaggagagg 240  
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<210> 807

<211> 300

<212> DNA

<213> Homo sapiens

<400> 807

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ccctggacaa tctcctgagc ctctctgctt ggtggagcag gcacctgtgt gcagaattcc 180  
cactgtggcc agcacgagga agtcttttct agtggaaatg tgtcttgtgg tcaggaataa 240  
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<210> 808

<211> 300

<212> DNA

<213> Homo sapiens

<400> 808

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gaatagcttt tcagctaata gatgatgtat tggacttcac ctgcgcttct gaccagatgg 180  
gcaaaccaac atcagctgat ctgaagctcg ggtagccac tggctctgct ctgtttgcct 240  
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<210> 809

<211> 300

<212> DNA

<213> Homo sapiens

<400> 809

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cactgtagtt tcaggtttac ttgcagacac cctggtaggg ttaagaggag gatatttcca 180  
agttatttta aattgagttt acttttaact ggggttcttg actctagtgt aattgctcca 240  
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<210> 810

<211> 300

<212> DNA

<213> Homo sapiens

<400> 810

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cagctgttcc agtttttaac attaaaaaat aaactcagtt gccatggcaa aaatagaatg 180  
cacagcttac ttataatttt ccatgcagta tagcataagg atttttgact tgaaacaacc 240  
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<210> 811

<211> 300

<212> DNA

<213> Homo sapiens



&lt;400&gt; 811

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gtgaaggagg cccctcccct tgtgaggagg gggcactcct ctccagcccc tggtagcaca	180
gtcctcacga tgggtgcagtg atttctagcc aggcgtcaag atgcgtgct ttcctctcc	240
tgctcatccc ttgttggcag ctccagttca ggccgtggag ggacgtgatg ctgggctgtg	300

&lt;210&gt; 812

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 812

aattccgttg ctgtcgcatc aactttcagt ttccccatgt tacttttgta acagggattt	60
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tgtgatgta atttccttt gcaaggagaa ttccatttag ttccattgtc atatagacca	180
gtgtcacccc ttttccctga ttccctactga taacaactat ttttcagtgc ctttgaagat	240
actgaccctt ctacctgccc agctgttttt aaacagctgg agcgtgatga tggtcataaa	300

&lt;210&gt; 813

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 813

gctagatttt cccatggtgc cgttcctttg cagacagagg attcggagag ccctaggaga	60
caggcctgca ggaatgtgct tcattagctg cagtgcgctg gtgctgccta acagaacgca	120
cactggctgt cactaggaag cgccatacgg ttgctatcac ccaacatggt gaaaggggtga	180
tggatttcac tgtgaatatg ccaaggacac ctctaaactt ccccatgtc agtcagatga	240
agttactact atatttcacc accctgcagg taactgaaac tcaattaccg ctgccgctca	300

&lt;210&gt; 814

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 814

aattccgttg ctgtcgagg gtggctgcac aattggcccc tctatgctat tgaaccccct	60
taaggagggc tccttgctag cctctggtt tgtggtaatg tctgctggga catattttac	120
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cctcctgttc acagcttaaa aacagactga ctttgtctag gacgagaggg aaaattgagc	240
cgtttgggtg ctccctgacat ctcccttcat gtaatgaaag ctgagctctg ctaacctctg	300

&lt;210&gt; 815

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 815

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aaattccag ctgagagaac ttagctgtgg gctcctcagc tactgacttc ttagctctta	120
atccccttag aatttcactt ttctcgatga gcaggctctg caccactct tttttgccc	180
cccgcctca tcctggagtg tgagggtgct cgcccgact ctgagctgcc tctcaggac	240
tgcactgttc ctcttcaccc ccaggttcct gctaagatcc cacgggagag ggcttgctct	300

&lt;210&gt; 816

<211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 816  
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<210> 817  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 817  
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 cttgcggtgt caagatgaac tcacgtggga tgttaattca cttgtaaaac tgagggttat 240  
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<210> 818  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
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 <222> (1)... (300)  
 <223> n = A,T,C or G

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 gatacatgct cttagaaaat tcactattgg ctgggagtggt tggctcatgc ctgtaatccc 180  
 agcacttgga gaggtcgagg ttgcgccact acactccage ctgggtgaca gagtgagact 240  
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<210> 819  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 819  
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<210> 820  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

&lt;400&gt; 820

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atcctgtcgc	tctggcctca	ccctggggat	gccacatgac	agcaccgcag	catttttcaat	180
aggtgaccca	cctgcgagga	ggaaggaaaa	atgtgcccc	ggccattatg	gagaacaaac	240
acctatgcag	ttggagaatg	ctgaagacac	ccaaggggtg	tgtcctctcc	ctcctgagag	300

&lt;210&gt; 821

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 821

aattccggttg	ctgtcggcac	tgggtggcaag	aggctgctga	tccccgttgt	gcctgggtgtg	60
gacagcctca	actcggccat	ggcggcaagc	atcctgtctt	tcgaagggaa	aagacagctg	120
cgggggaggt	ctgggaagt	gagcaggagc	aggagttacc	actgaggacg	cagaagtgcac	180
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gtcagtgcac	atggcccacg	ttcaggagga	agggtgtgat	ccgtcataca	gttacaggaa	300

&lt;210&gt; 822

&lt;211&gt; 285

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(285)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 822

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tnctacagg	gcttactaga	ganccnactn	ccngngacct	nntggancan	cnnaanccnn	240
ntancgaacn	nagagcncac	caanaggcct	naccaccatc	catcc		285

&lt;210&gt; 823

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 823

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gtatattggg	cgatttcttc	cagcttcacc	atatgtttca	gatcttgga	aacatcctgt	300

&lt;210&gt; 824

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 824

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gcactgtaga	tgggttaagg	aaaagacccc	tcacgtgatt	tgatggaagt	tcaacaagta	120

caagcataaa agtgaaaaag acagagaatg gagataatga tcgactgaag cctcccccg 180  
 aggcaagctt taccagtaat gcctttagaa aattatcaaa ttcctcttcg agtggttcac 240  
 ccctaatttt gtcttccaat ttgcctgtga acaataaaaac ggaacacaat aataatgacg 300

<210> 825

<211> 300

<212> DNA

<213> Homo sapiens

<400> 825

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 cacacctgag tgatgatgat taacaccttc tggagccagc tcatcagctc agagcccagg 180  
 gtcaggagtt cggttcagtaa cgacgcggga atcaatctgc actgacaccg cggcaggaac 240  
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<210> 826

<211> 300

<212> DNA

<213> Homo sapiens

<400> 826

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 acccctcttt aaaaagacgc agggcacctg tgagcgcagg agcgagccta aggccaccca 180  
 gcggcagcgc ccgtgtcctg ggcaactcagc gtgctgggca gagcaggtgc gatggcccca 240  
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<210> 827

<211> 267

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(267)

<223> n = A,T,C or G

<400> 827

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 ctacgatcca agatcagc caaggagccc acttagggga gaactagggtg tccagatttt 180  
 tgtatgtgtt gntttctttg ggggatgggg tggggttttn nntccnntat tnnnantgtt 240  
 tnnnnnnnan ctntgncnct ntacanc 267

<210> 828

<211> 300

<212> DNA

<213> Homo sapiens

<400> 828

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 ctaaacaccg cagctgccta tcaaacacgt acaacttttc taggaaatgc aattggcaaa 180  
 gacacttacg atgctgagaa gtacacaagg tgaaactgct ccagtttttc tcatagcagg 240  
 gtcagcagga aagcaagtgg tgcccctggt cccatctcac acagggtgaga ctgcaccgag 300

<210> 829  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 829  
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 tagagagttt taatgaatac cttttcgctc ttcagagtca cttatgctat tgggaatctg 180  
 aagatactgc tctgttacta cttaaagaaa tttatcgaaac aatgaacatt agtccagaac 240  
 agccccagca ttgatcaaac ttcagtttta ctgtactttc ttgtctgcac agaaagtccc 300

<210> 830  
 <211> 298  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(298)  
 <223> n = A,T,C or G

<400> 830  
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 gcagaagaat cgcttgaacc caggaggcag aggttgcagt gaaccgagat ggcgccaact 240  
 gcactccagc ctggtgacag agcgagactc cgtctcaaaa aaaaaancca aaccaaaa 298

<210> 831  
 <211> 292  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(292)  
 <223> n = A,T,C or G

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 ctgcatgctc accacctctc tattctgcct agttgccgtc gctatatccg cagactccgg 240  
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 <213> Homo sapiens

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<210> 836  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 836  
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<210> 837  
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 <212> DNA  
 <213> Homo sapiens

<400> 837  
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actgtaatca atgagagact gaagacagat caacatacat cttacccatg ctctttcaaa	180
gactgtgctg agagagaact tgtggcagtt atatgtcctt attgtgagaa gaatttttgc	240
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&lt;210&gt; 838

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 838

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cagagaagtg acccccgcgg gagcagcggc aggtggatct ccacggtggc tcgctttgtt	300

&lt;210&gt; 839

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 839

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&lt;210&gt; 840

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 840

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&lt;210&gt; 841

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 841

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gcctctgtac agaaacaggc taatgagaaa agggcactcc ggaaaaagag gaaggccctg	240
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&lt;210&gt; 842

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 842

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&lt;210&gt; 843

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 843

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&lt;210&gt; 844

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 844

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&lt;210&gt; 845

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 845

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&lt;210&gt; 846

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 846

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cgaggagcat	ggattgatac	tgccaaatgg	aaacattaac	tggaactgcc	catgccttgg	240
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&lt;210&gt; 847



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 <212> DNA  
 <213> Homo sapiens

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 tagatctgta ggatttttag aagaccgtgg gccattgcct tcatgccgtg gtaagtacca 180  
 catctacaat ttgggtaacc gaactgggtc tttagtaatg tggatttttt tcttttttaa 240  
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<210> 848  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 848  
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 attcatatcc tatccccaaa ctggcttaag tccactccca ctgccccag ctaccacett 240  
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<210> 849  
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 <212> DNA  
 <213> Homo sapiens

<400> 849  
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 <212> DNA  
 <213> Homo sapiens

<220>  
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 <222> (1)...(300)  
 <223> n = A,T,C or G

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 aagttctaca gagacacaga ttatcaggaa attgccacat ggttacattt caacttgaat 180  
 ttcagattct ggaaattcaa aataaggaga gattatcttc tgctgttact gacctcaaca 240  
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<210> 851  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

&lt;400&gt; 851

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gagttttgca	aggccttgcg	tgccctatgct	ggctgcaccc	agcgaacttc	aaaagcctgc	180
cgtggcaacc	tggtatacca	ttctgccgtg	ttgggtatca	gtgacctcat	gagccagagg	240
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&lt;210&gt; 852

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 852

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acatttcctt	gatctgttgg	aggctaaaag	taggtataaa	tgatattgaa	tgttgggtat	240
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&lt;210&gt; 853

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 853

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&lt;210&gt; 854

&lt;211&gt; 268

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature..

&lt;222&gt; (1)...(268)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 854

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agaagatcat	gaaactccaa	gcagngcaga	atngngngnt	gangacccca	angatncata	180
cnangancac	gnctagtnan	agtcanangg	nnannnnan	agnaacann	nngecangng	240
naananannn	cgnnnnnnnn	nnnaanag				268

&lt;210&gt; 855

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 855

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&lt;210&gt; 856

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 856

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aacccaaga acacactcca caccctctt cgctgctgcg gtgtgaagct tcagcctaac	300

&lt;210&gt; 857

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 857

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&lt;210&gt; 858

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 858

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tgagccggtg ctgcagaccg tgctggaacc tggagatttg ctgtattttc ctcggggctt	240
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&lt;210&gt; 859

&lt;211&gt; 276

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 859

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&lt;210&gt; 860

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 860

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&lt;210&gt; 861

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 861

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&lt;210&gt; 862

&lt;211&gt; 296

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(296)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 862

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&lt;210&gt; 863

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 863

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&lt;210&gt; 864

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 864

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<211> 286
<212> DNA
<213> Homo sapiens

<220>
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<223> n = A,T,C or G

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<400> 865
aattccgttg ctgtcgaata aagtccatct ctcaatactt atactttcta aattcatctc      60
agaatattag cagccatatt ccacagttcc tataattttt actggggggg atttgtgata      120
ggaaagtcct tgggaaacat ttccaatctt tcaaaatatt atcgcggatc ttaagaagca      180
tcggaacttg natgttgnaa nggtgcatgn tanancttnc nccntctnct acgacccgcc      240
ntntnnnccg nccnccann tngacgngcc ccccncccc cccctc      286

```

```

<210> 866
<211> 292
<212> DNA
<213> Homo sapiens

```

```

<400> 866
aattccgttg ctgtcgggtt ttgctaactt ggattcctgt ggaagggcct cctctctctg      60
ctcgtgtttt atagcttggc aactctagtg ctagtcttgc aatattcgaa tttgagtagc      120
cagaagaatt tgctgccagg gtggccttgc ccttgacttt gaaatgaact cacccgagac      180
ttcagettga tgcctccttt ggctaagtct gggttctggg ctttggccgc cgctgcctg      240
tccatcaca ggggccatgc tctccaatca ggacagaagt tttaacattt ta      292

```

```

<210> 867
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 867
aattccgttg ctgtcggggc agcccggtt aaaggcacac tactcaagg ccggctctca      60
tttagtgga cgcaggtta aatgctgtc ccaggccttg ggtcccagt accaggaaag      120
tttgaaaaat gagaacatgt gttgacccta ggactaggac aacagcgccc ttgattttgc      180
ggaagtcttc cctggaagtt gggcgtgctt gatattgaga cgctgcactt tgtgtttctt      240
gacggctttg ctgcaaattc tcacacacct tgcgcttgag taaaaccca aggattccag      300

```

```

<210> 868
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 868
aattccgttg ctgtcgggtt gctgcacgtg ttcgctgctg cctgccccgg ctgtagcacc      60
ggcgtgtgc gcagctgga ggtgttccgc tcccagtgcc tgcaggtgcc agagagagag      120
gcgcaggacg ctcaaaaca gggaaacagc cttgcagctg aggactggtg tgaaggtgct      180
gatgactggg gaagtgatac tgaggagggg ccttcaccac agtttacctt ggattttggg      240
aatgatgcca gcagtgccaa agacgtagac tggactgtct ggctccaaga cctccgcctg      300

```

<210> 869  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 869  
 aattccgttg ctgtcgaga caccttctcc tatggtgggc atgaagactt ttcaaaaatg 60  
 attgatgaag ctgagccctt gggctaccca gtcgtggtga agagcacacg aggccaccgg 120  
 ggaaaagctg tttttctggc aagagataaa catcacctct ctgacatctg ccatctgatc 180  
 cgccacgatg tgccctacct gttccagaag tacgtgaagg agtcccatgg aaaggacatc 240  
 cgggtggtgg tggtaggggg ccaggtcata ggctctatgc ttcgctgctc cactgatgga 300

<210> 870  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 870  
 aattccgttg ctgtcgaaac tgtgggcatt tatctgtgag ctcgggcccc acggagggtt 60  
 aaagctcttc ttggaatgcc tgaacaatga cactgaagag tccaagcaac tcttgccat 120  
 gctgatgctg ttctgtgact gttcgcggca cctcatcaca atccttgatg acattgaagt 180  
 ttatgaagaa cagatttcat tcaaactgga agagctggtc actatctcct ctttctgaa 240  
 ttcttttgtg ttttaagatga tctgggatgg aattgtagag aacgccaagg gtgagacctt 300

<210> 871  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 871  
 aattccgttg ctgtcgctgg catttgagc ctacattctg gaaccatttt ttattcaatg 60  
 tgaaatccct gaacttgca tcaagctcat tacagctgtg ggcataactg tagtgatggt 120  
 cctaaatagc atgagtgtca gctggagcgc ccggatccag attttcttaa ccttttgcaa 180  
 gctcacagca attctgataa ttatagtccc tggagttagt cagctaatta aaggtcaaac 240  
 gcagaacttt aaagacgcct tttcaggaag agattcaagt attacgcggt tgccactggc 300

<210> 872  
 <211> 297  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(297)  
 <223> n = A,T,C or G

<400> 872  
 gtggtggtac acgcctgtaa tcctaagtag tcgggagact aaggcaggaa aatcgcttga 60  
 acccagaagg cggagtttgc agtgagcgga gatcacacca ctgcactcca ccctaggcaa 120  
 cagagcgaga ctgtctcaaa aaaaaaaaaa ttaccntnnn ttttttaggn cntttcnaaa 180  
 taaaangggg atttttttt cntgtntaaa aatntaanct anttgtnn cnntannaaa 240  
 ngnatngggg gggtnagnan atgngnnctt gnaacagtnt ccnnggntcc tttatcc 297

<210> 873  
 <211> 300  
 <212> DNA

<213> Homo sapiens

<400> 873

aattccggttg	ctgtcgggaac	catagactca	atccttccta	aaagctcaag	gctttctggc	60
ttggttaattt	tgtggggaag	cacttgcagg	aaaaacactt	tgaaatatga	agaaggaaat	120
gtgattccgg	tggtttcttt	ataggcccta	aatcagtaca	ggaagaaata	ggacaagaac	180
cagagaagat	taactttctg	aaactttaca	aacagcctaa	ttcccaagta	gagaaaagta	240
tatttttaaag	aatgaatact	gggggaggaa	atgaaggaag	gtgaattaag	ccttcacagt	300

<210> 874

<211> 300

<212> DNA

<213> Homo sapiens

<400> 874

aattccggttg	ctgtcgggttg	taatcaagct	ttccacagt	tcttgaaaag	tactatgttt	60
caaatcttcag	gaacaccagc	gttagctgta	aaagttgcag	caatttattg	gctagtcata	120
gaaaatttttt	gaacttttaa	ctgtatttta	attgatgttt	attaaaaaca	ctttgctatc	180
agatattttgg	cataaatctg	tactcttcat	tatagttttg	gggggagaga	agattcagtc	240
agaaaactta	ttcaaagtac	ctaagtatta	taaaggagtc	aaaaaggtag	aaagagaaaa	300

<210> 875

<211> 300

<212> DNA

<213> Homo sapiens

<400> 875

aattccggttg	ctgtcggcaac	tgccttttta	agaaatttca	cttcttgcc	aattttcttt	60
cccttctgct	atagaaatat	tatgggctgg	atacaaaatg	gggtgacatc	gagcagtgga	120
tggtaggcct	tgaatataat	tttgttttta	ctcttccctc	cccacttgaa	tacagtgttg	180
agacttaaat	ggtttataat	gtaattctta	cgcagtttaa	ctatgtagat	agattccctat	240
tgcaccataa	tttaatactg	agagattttc	ttccggggat	ttctgcatct	ggtctctgtt	300

<210> 876

<211> 300

<212> DNA

<213> Homo sapiens

<400> 876

aattccggttg	ctgtcgggttg	gatggctccc	cctatgaaag	ttgtccagtg	agcaggggtca	60
agggttaggt	ttggggtagc	gacatgagtg	caggagcctt	actctcctgt	gtgttgtcag	120
ggatggataa	aggggatgaa	gttggagggg	tttagtgaat	ggttgggaca	gcaaatttca	180
gagaagagca	tttggaataa	atcttctcaa	atatatat	ttaaaatcca	tatttgattt	240
ttttccctca	gggattccca	agcatagtag	agctaaaatg	aattaatttg	ggtaaaagta	300

<210> 877

<211> 279

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(279)

<223> n = A,T,C or G

<400> 877

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agctaacaaa gtgagttcac agcttccaag accccaggct ttccaggcta ataaagagct      60
gagggttatag gctctcctta tcaaacgctc tttggcagct gccataacca ttccaagtct      120
agtcctagaa tagaaatgac gcgggtttcag gagctgacag atggaacttt aagccttcct      180
tcctgccaca tctgaagtcc ttttttaaan nnataganaa ccatgacgat aaacactcct      240
tgaatgcctt gnngaanaag gtacttctca naattcact      279

```

<210> 878  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

```

<400> 878
aattccggtg ctgtcgggtc tctcaacctc ctattgttgt tataaaatct ctgtgaaagg      60
cagcagcctc ctctgccttc catattaacc agcactttcc ctgtccagaa gttattccat      120
cttacggata ttgagaagat aaatggaagt gattagaatg tactttccaa acataaaaca      180
ttgtactgta ggagtttgc aaaggggatt aatactacca catatctgta gaagaacttt      240
atgaagacct tgtgtatctc tcaaccttaa tgactaagat tgtagatatg atagaaatct      300

```

<210> 879  
 <211> 274  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(274)  
 <223> n = A,T,C or G

```

<400> 879
aattccggtg ctgtcggggc aacaaggctt ccagctggat gtgtgtgtag catgtacctt      60
attatttttg ttactgacgg ttaacagtgg tgtgacatcc agagagcagc tgggctgctc      120
ccgccccagc ccggccccag gtgaagggaag aggcacgtgc tcctcagagc agccggaggg      180
aggggggagg tgtgggaggg tctgnccggn atgttggaact tcncgggtcaa tgtcnttttg      240
tnntncctgg aattngcttg nannggtact tcct      274

```

<210> 880  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

```

<400> 880
aattccggtg ctgtcgcaaa ctttcttttg ttccaccagt gggaaggaaa aaataaatgt      60
gaaccaaagc aaactcccta catttagctc atgggggttg ttcttcgct tcttgcatg      120
gtcttgccct tttgtttgca ggccaggaga gctattggtg ataccacct ctgggctagg      180
atgtgatggg aggtgggatg taggggcccc ggagaaaagg gttgcagcca gcggtcaggc      240
tgaggagcaga gacctccagg cgggtccctg gtgttctggg cagtcacgcc caactgcca      300

```

<210> 881  
 <211> 262  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(262)  
 <223> n = A,T,C or G



<400> 881  
aattccgttg ctgtcgcat tttgttctat tgtgcgact ggcaaacgta tgtttctgga 60  
acattgcgat ttggaataat tgatgtgact gaagtgcata tcttcataat aatcatgcat 120  
ttgctggcnn cgattnnagg ncnantttnc tnnnccanat natttcagtn nttgntantn 180  
tntnnnangn attnnntgna tntnanttta gtgnntaant tnnnnntttt tttgcnnntt 240  
tnaatntnnn tnttntttcc tt 262

<210> 882  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 882  
cttctgtaga tactgaagaa acaattgaac cttatacaac tgaaaagatg agtcgagttc 60  
ctggaggata tttggctttg acagagtgc tttgaaattat gacagtagat ttcaacaacc 120  
ttcaggtgtt tactacaatc tggaggcaag atctttcctc agtatgtgct gatgtttggg 180  
ttgcttggtg aatcacagac actcctagag gagaatgctg ttcaaggaac agaacgtact 240  
cttgatttaa atatagcacc ttttattaac cagtttcagg tacctatacc gtgtattttt 300

<210> 883  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 883  
aattccgttg ctgtcggttt atggattcgt gggctgcttc cacctgctag gaggggtggtg 60  
tactctaact caggacaga agcccctgtc tgtgctcagg actcttgag acctctttac 120  
ctggctgttc atcttcata atcaactggt agacgttaca tccaagagga aataatccag 180  
gcaaggaagc acaagctgat caagatgtgt agttctgtgg ctgccaagtt gtggtttttg 240  
acagatcgtc gcatcagga agactatcct caaaaagaga ttttacgagc attgaaggcc 300

<210> 884  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 884  
aattccgttg ctgtcgataa aataatgcat gtaaggccct cagcatagtg cctggcacag 60  
aattactgct caaatgttag ctgtcgtatt aatattgtca cttttgcaca ctgatgtaca 120  
tttctgttg accaggctca ttctttaagc attctccatg cttaaaccag ttccataatc 180  
cctaggcctg tactccaggg attgagactg aaaggatcat ttatgccatg tttctctaaa 240  
agcatcattg ctggaagact tttgataagt ctgatgtgtc tcaagctatt ctcaagcctt 300

<210> 885  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 885  
aattccgttg ctgtcgagca gttctttgaa actattctca agttttgaac agaaagccat 60  
gctgttaaag cgccaggctt ttgctgtctt cagtggagaa cttgatcaat accaccttta 120  
ccttccactg atacaagaac gcctgacaga caatctcaga gttggacaga catccatagt 180  
tgctgctcag atgtttcttt ttttcagagt tttgctgcta agaatactc ctcaacattt 240  
gacttcattg tggccaataa tgggtctctga attgattcag acattcacac agcttgaaga 300

<210> 886

<211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 886

aattccggtg	ctgtcgggag	ctcctccggc	tctcccagaa	acagagcacc	gtgcagaact	60
tccacagctg	atcggcctcg	cctcgcagat	ttgccaaagta	tccgcttcct	gtggaagcaa	120
gacccaaaagg	aatcaactg	agtgggtgtt	tggaagagga	aggagcaact	ctcgggcagc	180
ctgcccgaagg	gagggagcaa	gttgcaattt	agaagatgcc	atacgtcgtg	tgacagctca	240
tgagcctttc	actgggctgg	caattgtctg	aacacttggg	ttcagttgaa	atatatgtat	300

<210> 887  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 887

aattccggtg	ctgtcggtttt	ctttaaggat	tccccgttac	tactgggtgat	ggagatgtat	60
gaactgtgta	tggtcttcag	gaattataaa	gaagctgaag	ctaaacttct	ggagtttcag	120
aagagccttg	aaacgcttaa	cacagcagcc	acaaagggtcc	accctgtcat	ccctgccatg	180
tggtctggagg	atcaggtgtg	tttccttttg	aagcttatgc	tacagcagtg	taagaccag	240
tatgagctgg	ggaagctttt	acagctcttt	gttgaaagag	agcatctctt	ctctgatggt	300

<210> 888  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 888

aattccggtg	ctgtcggaaa	attgggactg	agctagagaa	agaaggatct	taaaaccttg	60
ctagagaaaag	agacctgatt	ccatcttcaa	gacatttgaa	accaaagaca	tttgaactgg	120
aactaaaagg	ttcaactcag	ataaactcct	agttagattg	aagagatata	ttcttcactc	180
tactcttggc	aggaaacaaa	gcactttctc	tgggagaacc	tattttcttn	tttantggtn	240
cttttatntt	ccatggnta	nttanncnaa	ttttntttga	nactntatgt	tttgaatttt	300

<210> 889  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 889

aattccggtg	ctgtcggggc	attgctgggtg	gccccctagc	ccctgggtcc	cgggccagca	60
tctcccaggg	gccaccaacg	gcttctcgcg	caggctgtgc	cctctctgct	gagtcaagcc	120
ggaccttgct	ggcgtgtgtg	ctgtgggtgc	tgaaaaacac	cgagccggcg	ctcctgcagc	180
gctggggcac	tgacctgaca	ctccccagc	tgggacgtct	gttggacttg	ctgtaccttt	240
gcttggctgc	ctttgagtac	aaggggaaaa	aggcctttga	acgcataaac	agcctcacat	300

<210> 890  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 890  
aattccggtg ctgtcggcag ggtgtcctag gctctgagtc tacagcaggg aaacaaggag 60  
cctgctctca tggagctcac aggctcaaag gatgcagcca catcattgga cctttcagta 120  
ggttccctgt gctgttaaag ctcccgtgtg tgcacgtgat tcagggtcca acaattcctg 180  
gccaagataa cagcacagag gccctggacc acctctgggt gttctgtaca gtgggccctt 240  
gggggcctgg ctttcaccca ctggggtgca atataaaccc tcttcagatg ccagaaccaa 300

<210> 891  
<211> 259  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(259)  
<223> n = A,T,C or G

<400> 891  
attccggtgc tgtcgccctt ccctcctcct caggggtgggg tgaacaaggc tcctatccca 60  
ccccaccca aaaagagaaa aatgaaaaac tcatagtttg gagccaggag gcaggggtgc 120  
ctacagggct gcacagccct gaggggtcag tgctgggac tggttggttg gtttgccttt 180  
ttgtcttttt ttttttttn nncantcnt nanngaaatt ngttttaanc cnccagngtn 240  
gncnttaaac caaaggga 259

<210> 892  
<211> 287  
<212> DNA  
<213> Homo sapiens

<400> 892  
aattccggtg ctgtcgcgca gaccatggca gccgccgacg gttcgtctct cgacaacccc 60  
aggacgttct ccagacgtcc ccagcccag gcgagtcggc aagcaaaggc tacgaaaaga 120  
aaataccaag cgtccagtga ggctcccca gcgaacgga ggaacgaaac ttcatttctc 180  
ccagccaaga aaactagtgt taaagaaact cagaggactt ttaaggggaa cgcacaaaaa 240  
atgttttctc caaagaagca ttcgggttagc acaagtata gaaacca 287

<210> 893  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 893  
aattccggtg ctgtcgggtg catecgtgct caggtcccag tgccccaggc tgaccacact 60  
ctggtcagtg agtctcctgt gctgagtga gggatatcg gacctggggg ccctgccccg 120  
agcacctccc accactgct agtgcctggg ctttctgagt gttccaactt catagccgag 180  
agttggagga caaggctggg gcagggccga ggaacggatt gagtcctgcc taagcctcgg 240  
gacatctaaa cagctctggc tctgccagac ctcaggtgtg accctgagcc attttccttc 300

<210> 894  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 894  
aattccggtg ctgtcggcta ctttaaaaag tcgttcattt ttgttctcag atattttctc 60  
tccagtatac ctatcactgt tgaatgttcc cccaacttc ccagtagttt gggttttagc 120

catttcatac caatttatac ttgtgctatg ataaccttttc taaagtctaa aacctaataca	180
aatagctggg ggtgatatta ctttatgttc ctgaggtgta gaaagctctt cagaatagct	240
tctgctcttt gtgagctcca tatggcagtc aaaattaatg aaattaaaaa acaccatgcc	300

&lt;210&gt; 895

&lt;211&gt; 275

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(275)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 895

aattccgttg ctgtcgggtca ccagtcctct tcttcactt cttgttgtaa ttgcagccat	60
tttcattgga ttctttctag ggaaattcat cttgtagagt gaagcatgca gaggctgtt	120
tctttttttt tttttctntn gnccaaaaaa aaattngtta nccanccntt nnntgggaag	180
aaggncnnn gggnccatt ttttngggg ancngggna aaaaggcttg gcnttaaagg	240
ancnttaang gtnaaaaanc ccattaaac caaac	275

&lt;210&gt; 896

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 896

aattccgttg ctgtcgaaag acctctagac tgtgagctca gttatggaga acaaaaacag	60
cttcatagtg agtagaacac cgaggataaa cactggggcc atgggtcctt tctgaggcag	120
cgccacagaa gatctttgtg gtccctccgt agttctgtaa gtctgtctcc taagtatggg	180
tagagaatat gtgcctgtt gtgtgtctcc cactacttgt aaacagagca tcacattagg	240
ggcagggagg aggtggaatg atatttgagg tgcttaaccc tactcgagga attaattatg	300

&lt;210&gt; 897

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 897

aattccgttg ctgtcggcag tagggggagg tgtgaaagga cttctgcac agggcatagc	60
atatgtttct gagatcactg gaagaagcta gcagtgccag gagcctaaag ccagctcact	120
gtttggctgt ccagtggagc aggtacagct cacagtcctt aagccaggga aacctggctg	180
acttcacta aagtcaagca agcctggctg gcctcgatta gccaaagggt ggactcttcc	240
tccaaagccc acctcagccc acctctgcca gggcagagaa gccaaaatgg tcacattgca	300

&lt;210&gt; 898

&lt;211&gt; 177

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 898

aattccgttg ctgtcgaaag agattgccga tgaagacccc agcctcgtga acttggataa	60
tggggacggg gcgacgccac tgatgctagc agctgttacg gggcatttgg ctctgggtgca	120
gctgttggtg gagaggcacg cggatgttga caagcaggac agcgtgcatg gctggac	177

&lt;210&gt; 899

<211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 899  
 cttaggactg ggtcttgggg aggattagcg cctagatgtc tgattttgga gctgcagcat 60  
 gccaggccgt ggctgagagt atgtgagcca tgccttgccc ttttctgagg ctgagggaag 120  
 tggatggagc tagagagaca acaggaaaga cgggtgctgaa gaacatagtg tctttcctct 180  
 attgtggacc taaagaggtg gggaagcaag gacaagaggc aaagagccac actgcccttg 240  
 gcatcatcca aagcattgtc tggttgacac caggtcctgg ttttgtgtct tttgtcaata 300

<210> 900  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 900  
 aattccgttg ctgtcggctg gcaactgctgc tgtcaagcac aggctcctcg ggctcccaaa 60  
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 ccctccagcc cacagcccag gggaagaagc acacgtgcac tttccaagcc ccacggccca 180  
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 <213> Homo sapiens

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 tgtctcgaag tgggaagagt ctgttcttga acctgctctt gaaatcgtgc aaagtttcat 180  
 ccagggccac aagcctacag ccactccaat aaagatgcca tacaatgaag ctgagaacaa 240  
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<210> 903  
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 <212> DNA  
 <213> Homo sapiens

<400> 903  
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 aaagttagcc atagcaacat aggcactggg aatactgtgg gtgggtctaa gggtaacact 180

gttccctgat cttactgtca tcatctgcaa tctaagtaat gcagataata atgggtgccc 240  
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 <213> Homo sapiens

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 atactatgta gagaatctta agtgataacc aggggtcacgg attccaaaca tgtcattata 180  
 aattgtttta tatgggtgctc actgggtgcat ttttcctttt ggataaggga aaacattatt 240  
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 <213> Homo sapiens

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 gtactgtgat ttctcaagcc cctatgcagt gttagatgcc actatgaaat acgagccatt 180  
 gaaagagatc tcttcaactt attatTTTTT atcacgaacg tacatatcag ttatttatga 240  
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 <212> DNA  
 <213> Homo sapiens

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 <212> DNA  
 <213> Homo sapiens

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<210> 908  
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<400> 908

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&lt;210&gt; 909

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 909

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&lt;210&gt; 910

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 910

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&lt;210&gt; 911

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 911

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&lt;210&gt; 912

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 912

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&lt;210&gt; 913

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 913

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aaatgtcaaa aaaattagca gaggtctagg tctgcatatc agcagacagt tttgtccgtg      240
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&lt;210&gt; 914

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 914

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cctctatggc cgtgtgcagg cccgggagcg ccaggccctg gcccgtctgc gcagaacctt      240
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&lt;210&gt; 915

&lt;211&gt; 299

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (299)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 915

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cacctggacc aaagttgaca tacccagtcc acctccgagg cgctgtgctc accaggcggg      180
gataagtgcc ctcaaggtgg cggacagctg tggcnccttg gaaggnngtt ngcatctacc      240
aacngagagc aatntaatn cnttgacggg atgctncttc cngttgccc cttcctctg      299

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&lt;210&gt; 916

&lt;211&gt; 299

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 916

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agaagaatat aggtaaacag gtaatgattc ttgattggag ataccatttg actcttgatg      240
aaagttgtac gaagatggaa atgagggatg attccaggcg ttttaggggg aaggtgca      299

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&lt;210&gt; 917

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens



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 tgtttcatcc agcgcaagta ttacttgat ctgatttctt cttgatacag gttaaatggg 180  
 ccagggaaaa ctatcaccat aacattggct caccatattg cttacggtta gcttctgctg 240  
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<210> 918  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 918  
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<210> 919  
 <211> 206  
 <212> DNA  
 <213> Homo sapiens

<400> 919  
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<210> 920  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 920  
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 <212> DNA  
 <213> Homo sapiens

<220>  
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 <223> n = A,T,C or G

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tattcantcg tantnanngc cannccttaac ccattgnatg aaaatctang actgtnttga 240  
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<210> 922

<211> 300

<212> DNA

<213> Homo sapiens

<400> 922

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tgaaaaagtg atcttttcag cataaattgg tgggtgtttg agagcattac ttgcacagtt 180  
caacaataca gagctggaaa tgcataaaga ggacattccc tgctagtcaa cgaatacata 240  
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<210> 923

<211> 300

<212> DNA

<213> Homo sapiens

<400> 923

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agggcagctc cattcaaagg acctaggtgt atgccaaaaa tgagaatgaa gattgaccag 240  
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<210> 924

<211> 300

<212> DNA

<213> Homo sapiens

<400> 924

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aaagccagca ctgaaaaaat taactttact gcctgctgta gttatgcacc ttaagaagca 180  
ggaccttaaa gaaacattca ttgacagtgg tgtgatgtct gccatcaaag aatggctctc 240  
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<210> 925

<211> 300

<212> DNA

<213> Homo sapiens

<400> 925

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ttccataaaa gtaccacaat taaaaatgga gatatgatt ctgctgttca aaaaagtccc 180  
taaaggtct cactctctga cctcagctgg agtacagtag ccagatcaca actcactgca 240  
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<210> 926

<211> 300

<212> DNA

<213> Homo sapiens

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&lt;210&gt; 927

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 927

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&lt;210&gt; 928

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 928

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tccttactga	aacagcaaga	ggctgtacct	aaaattcctc	aacctaaagag	gcagtccacc	240
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&lt;210&gt; 929

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 929

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&lt;210&gt; 930

&lt;211&gt; 259

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(259)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 930

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ntaantttnc agngngccnn anntntnntt tttntctcgt anttgngaatt tcnntnntt 180  
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<211> 300

<212> DNA

<213> Homo sapiens

<400> 931

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 cccaagacat tttaatagta aatagagaga gagagaagag ttaatgaaca tgaggtagt 240  
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<210> 932

<211> 300

<212> DNA

<213> Homo sapiens

<400> 932

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<210> 933

<211> 300

<212> DNA

<213> Homo sapiens

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 acaagtgtc tttgatgata aaacttgtaa tagagcaata attgtaaatg gttaccatac 180  
 tgtaagatat tttgataaaa attaactagt aatacttgta tttatttgaa acactgggct 240  
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<210> 934

<211> 300

<212> DNA

<213> Homo sapiens

<400> 934

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 acggcgactg tagccctgaa ggacctgact ggtgaccaga gcagatccct gccgtacaag 180  
 ctgatctccc tgctaaatga aaaagggtcaa gatactgggg ccaccattga cttgggtgatc 240  
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<210> 935

<211> 291

<212> DNA

<213> Homo sapiens

<220>  
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 <223> n = A,T,C or G

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 tgagtcagat tttgnncnnt nncacacann nataacaana nnttttaang atccngcncc 180  
 tacnngcttt cntactgcgg anacctgnnn acatcttact attccnnctc tncntncacc 240  
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<210> 936  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 936  
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 attttgtata agtgtaggat aaaatgtttg agcagatgac aagaaagtct ccattctgag 180  
 tctctgttct ttccaaatta ttaactgca gggaatttgc ccatatccct gggcaggtaa 240  
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<210> 937  
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 <212> DNA  
 <213> Homo sapiens

<400> 937  
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 gcacccctct gactcactgg ctaactgcta ctttttgttc aaaaatcagc tgagagggca 180  
 actcatctgt gaatttttct ttgacttccc tcctcccagg ctgggttagg tgctcccta 240  
 tctctttttt tacttaaaatt ttttttcttt attatttctt tatttttttg agatggagtt 300

<210> 938  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 938  
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 aatacttaag aaattgatag tttagacataa aaggatgtct ctcttgattt ctttaaatta 120  
 caatgtggac ctggtggtgg tagcatggac ctctttttgt ggattttcta aatctcttct 180  
 attttcctga gtattaaatt tatccagaaa agtgtttagt ttagcgtgtc caccttttaa 240  
 agattttctga catttaagtt aaatttcaat agtctggttc aaaagatctg ccttacggct 300

<210> 939  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 939  
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tacccctggg ggagagaaat ctatacttta gaagggtgtg tggatggagc tccatattcc 180  
 atgatttctg acttcccttg gctgaggtca ttacgagctg cagagcccaa cagcttcgct 240  
 cgatacgact ttgaagacga tgaagaaagc actatctatg ctccctagaag gaaaggacag 300

<210> 940  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 940  
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 ggccagaggt gtgttttata ggcagaagca atgttggaat atcatctcta atcaaggctt 180  
 tattttcact ggcccttgag gttgaagtca gagtctccaa aaaaccagga cacacaaaga 240  
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<210> 941  
 <211> 277  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(277)  
 <223> n = A,T,C or G

<400> 941  
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 tctccttaaa ttgattgtac ttncaaattt gctgttangg naattntcta atacnnnnan 180  
 nanttagatn ctctantcga nctntntnnn ncnntnnctn tantntatac nntnatattn 240  
 tctnntaaan tncctntctc tntnncnanta gcactctg 277

<210> 942  
 <211> 235  
 <212> DNA  
 <213> Homo sapiens

<400> 942  
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 cccaaggagc cagctcaaac catgcacatc cagggcccag cttggaattc atgttctgga 180  
 ggcttgggtt gggaggcaga atctgtgaat tttaaaaaca ctttcatgaa tccaa 235

<210> 943  
 <211> 280  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(280)  
 <223> n = A,T,C or G

<400> 943  
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gaaaataact gcaccgaagt gttctgataa ataactaaat tgagctagtg aggggggaaat   120
ttcagccgtc tagagagtgt ttctcttaaa tattttttct ctcaagtgga aaggagtggag   180
ggggagagcg aggatcacct angcctcncg cctgngcctc tgccnganch ngacncaacc   240
tccttcaacc cncgnnaacn naaggngag caccctcccc   280

```

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<210> 944
<211> 300
<212> DNA
<213> Homo sapiens

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```

<400> 944
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gtgtcgagact gtgggctgat gagaggtaga gcagcatgca tcgaggcctg aggggtgcagg   120
gcgcctcttc ttggcctgga ggaattgctc ctaactagag taagtgtcca cgagggtccc   180
aggcagagct gcagagctgg aaccggaggc tcacacagtcc ttgctgtctc atggacctcc   240
ttcagagcac ctttctacag actggactgc ccagctccgt ggggtggcat ctggtttctg   300

```

```

<210> 945
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(300)
<223> n = A,T,C or G

```

```

<400> 945
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aagatgtgct aaaaagtaaa gtccaaaaag atcataaagt ctgtagagaa gttctaagag   120
tgcagtcagc tataaaaaacc tagcaattta atttcttaga aaaatgtagc tggagttcaa   180
actgtagtaa caaaggcaag taaattaagt tgtgggcagg tgtaattaag ttaataggaa   240
tggcagggat gaatataaat cagaacagga ctaacagnnt gaaacattan atattcaaat   300

```

```

<210> 946
<211> 253
<212> DNA
<213> Homo sapiens

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```

<220>
<221> misc_feature
<222> (1)...(253)
<223> n = A,T,C or G

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<400> 946
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tggtggcaac tgttatttga ttttagaagg caaactgatt ttatttttaga gaggggaagg   120
ngagggnagg ctcattnacc tcttgggaana angagganta ttctggnna tgaataggtn   180
nncancttan gtantgacng nnnttacttn tnattatgna ntgngnnttg ncgttnnnna   240
gnnnntana cgt   253

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<210> 947
<211> 300
<212> DNA
<213> Homo sapiens

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&lt;400&gt; 947

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gagcaccagc	ctcgcgcgtc	cgagggaacc	ttggcttggc	gccccatcct	ggtagcctta	120
aacttcatag	cactttgttg	tttttcttaa	aactctgagc	ctgtgcccgg	gcggatcacc	180
tgaggtcggg	agttcaagac	cagactgacc	aacatggtga	aaccccgctc	ctactaaaaa	240
tacaaaatta	gcccggcgtg	gtggcgcgtg	cctgtgatcc	cagctacctg	ggaggctgag	300

&lt;210&gt; 948

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 948

cggtgggcga	gatgaagcta	cactgtgagg	tggaggat	cagccggcac	ttgcccgcct	60
tggggcttag	gaaccggggc	aagggcgtcc	gagcgtgtt	gagcctctgt	cagcagactt	120
ccaggagtc	gccgccggtc	cgagccttcc	tgctcatctc	caccctgaag	gacaagcgcg	180
ggacccgcta	tgagctaagg	gagaacattg	agcaattctt	caccaaattt	gtagatgagg	240
ggaaagccac	tggtcgggta	aaggagcctc	ctgtggatat	ctgtctaagt	aagatggagt	300

&lt;210&gt; 949

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 949

ccctgggtacc	ccctgcccgc	gccgatataa	tgctttttcg	ccccctggg	acctcggact	60
tgggcttccc	tttgacatg	accaacgggg	cagccttggc	agccaacagc	aatggcatcg	120
ccggcagcat	gcagccagag	gaggaggcag	ctcgggcggc	tggtgcagcc	attgcaggcc	180
aagcctcttt	gcctgtgtta	cctgggggtg	accgcttgcc	catgggggct	ggacccctat	240
ccccccaact	ggtgactttc	ccattcccca	gtgtggcatc	cagtgccctc	ccctgactg	300

&lt;210&gt; 950

&lt;211&gt; 297

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(297)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 950

aattccgttg	ctgtcgagaa	atttgaaacc	agttgtcagt	tttcagggtgc	ccaggagcat	60
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cctgggtggct	gcagcgtgtt	ccacacaggc	gagcactgtg	aggccaaaag	actggtgttg	180
agcagaatga	aaaagcacag	tggtgggtta	tcctgaaaag	tgaagcctgc	aagaaatgaa	240
cttcgacctt	ggagtggggg	tgggacaggg	gctanaagga	anagaggctn	ggaagtg	297

&lt;210&gt; 951

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 951

aagcaacggg	tccctctagc	tttgtgttgc	agagactaaa	ttccaggagg	gtccagccaa	60
gaggtcaggg	actccctaca	cccaacttcc	actctagggtg	gaggctttac	cataggtatg	120



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gcaggccaag acacagggcc ttgatcacc tctccatacc tcaactcaaga tggattttcc 180
atgccagaag taagccaaga acaccagagg ctattgtctc aactgagccc ataaagcagg 240
catgtaactc ccagagagtc aggccgcttt cctcactcct agctccagag tgtaatgccc 300
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<210> 952

<211> 300

<212> DNA

<213> Homo sapiens

<400> 952

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ttacctcaag aaaacttgaa ttatttgggg gaaagtaggc tcaaaagaga atatatcttt 120
cacattcaca ttcagaaccc agcaacctgg agtccaattt tcagtatttt aactacctca 180
ataatgctat gaatgtaaga tattgggata gagatcccaa cttgaaacaa cagccagtgc 240
ctgtggtaac ttaatgtctt gtcaaatact tttattgatt ggtttatatg ccattcttgt 300
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<210> 953

<211> 300

<212> DNA

<213> Homo sapiens

<400> 953

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gcattatttt tatgtagatt gctaacaagg tttttgaaga aacactctta aaagtcataa 120
aagggaataa cttgacagtt ctgggatatt gccacccttg acccttttga gaaatgtaga 180
cagcatctcc caggcatgac gcctagggat cgtgtttatc tgatcatcagt tgggtgactcc 240
atgtttattg agcactggct ataagccaga cttgggtgagg gactgaaaca attacaagac 300
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<210> 954

<211> 300

<212> DNA

<213> Homo sapiens

<400> 954

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aattccgttg ctgtcggaag aattgaaaga gcaagtcatt gaagtagaag aagatccgca 60
aaccataacc actgaggaga caatggaaga agacaagagc cagtcggatg tagattttca 120
gtcttgtaga tcttgtaga acagtgatag agcagaaaat gaaaatggct ctagatgctt 180
ttctgaagat aataatgaaa caacaatggt aattcaggat gatgaaaacc attcagaaat 240
gtcaaaggat tggcaaaaag agaagatgtg caataagatt aataaagtac attctgaagg 300
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<210> 955

<211> 276

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(276)

<223> n = A,T,C or G

<400> 955

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gccagctgcg gggccctgcc ccaccttcag aggacactgt cctccgagta ctgcggcgctc 120
atccaggctc tgtggggctg cgaccagggc cagactaca ccatggatac cagctccagc 180
tgcaaggcct tcttgctgga cagtgcgctg gcagncaagn ggccatggna cnaananacg 240
gcgccacggn tgnccacac cgaggnnnga acctg 276
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<210> 956  
 <211> 247  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(247)  
 <223> n = A,T,C or G

<400> 956  
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 agtgcgcacg gaggccgatg tagaggagga ggccctgagg aggaagctgg aggagctgaa 180  
 cntgangnnn gngatcagg nngcnnngnc gatgatgnng nagncnagtc tnnncngntn 240  
 ntcccac 247

<210> 957  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 957  
 aattccgttg ctgtcgggtg gatacttaaa accatcacaa gctgccaag caatagaaaa 60  
 ctgtgatcga agttttagag caatcttggc tgaacctaaa aataaagcat ctgaatcctc 120  
 tgaacaagat tattatagta atatgaggca agaagctttg ggacatgaac ctagagtaaa 180  
 tatgtttcca tttgaacaac aatctgaatt ttcaagtttt gacaagaatg atagccgagg 240  
 ccaggaagca atctccaaac gcttgtcagt tgtatcaaga gttcctttca ctgaagaaca 300

<210> 958  
 <211> 280  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(280)  
 <223> n = A,T,C or G

<400> 958  
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 gttggattct ttgtcgttca agtgaatgtt gactatttac aggtaaagaa ctctcttgtc 120  
 tttgtagata tcagggttatt tgaatcaagt aatatttggc tatctattta tacattaata 180  
 tgtttaaaaa gaaatttctc caagaagaac attcgtcatt cattatttgn ttgatgagat 240  
 gatacttaca tttttatngt gtantcatnn nanatctaata 280

<210> 959  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 959  
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 gactccccct gaaccctcag ccaagcagcg gtcaatgcgc tgttaccgaa aagcctgcag 180  
 gtcagccagc ccctcaagcc agggctggca gggccgccga ggccgcaaca gccgttctgt 240

cagctctgagg tccaaccgga cttagcgaagc atcttcctca tctcatcat cgtcttcctc 300

<210> 960  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 960  
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 cccctcaaga cagaaagggc tctgcggcag gttgtgcctg ggaaggggct gcttctcatt 180  
 tgtggccacc tctctgccc ggagctggtg aggaaggggtg aactagggga tgcctttcag 240  
 aacaaaggag gtgaggagat gagccctcc acatctgccc caaatagaga ccggcgctact 300

<210> 961  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 961  
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 ccgctgcact ccagcctggg caacagagca agaccctgtc tcaaaaataa acatagtatt 180  
 agtacaatga aaagacaaat cgagaataga taatacaaaa atagccttat agtaaccaga 240  
 cttactgatg aatgccacag acccgagta tgcacatgg tttatcaggt gaattaataa 300

<210> 962  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 962  
 aattccgttg ctgtcgctt catggacctg ccagcctagt tggggagaag gactgggccc 60  
 aataaccagaa gctgatccaa agtggtcaga actggggaag gagacctgtg agctgaaagc 120  
 aggtaaagga agtatccaga cagaggcact ggtaaaagac ctggagctgg gaagggtcta 180  
 gggaccaggg acagggtgta ctgtaattct ggaaaccttg tgaggctcaa agaaaggggc 240  
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<210> 963  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 963  
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 atgaaaccat cacaggaaaag ggctgaaaga cggcaagtgt tcaactgggtc ttaccggacg 120  
 tgagccccc ctcctccata tggacctgtt ttggaccaat gaggcacct cttctgtagt 180  
 cctcaacacg cggagctcca ccaactctga gcagtgtgac ctcagggtgt tgctgcagag 240  
 gcatcggggg tctctggcca gaggtgacat ctgaagcaat cgggatcctg tttggttttg 300

<210> 964  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 964

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tcttggtgcaa	catagcctga	aatgattctt	aaagaactgg	cattgtttta	tcaaatattt	180
ttaagggaga	ttccttaatt	gggaagttta	gtctgtttgg	ggttcaaaga	gtaaagtagg	240
attagaaaat	catggagaga	ggctggggcgc	ggtgggctaac	gcctgtaatc	ctagcacttt	300

&lt;210&gt; 965

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 965

ctgctttgaa	gaactagggt	ggaaaaccac	caagggttta	gtccactctg	ccccaaatc	60
ctgagtgctgc	tgaaccagca	ccaccgcctt	cgggtgttgg	tcaggaagtt	gcccttgtct	120
ggtagggagg	gtgagcctct	gaaataaggg	ttgggagtca	tgcagtgtgg	ccttggtccc	180
tggggggggg	gttaaaactc	aagagaaggg	ggaggaaggg	ctggggcact	gccctgaagc	240
catttccctc	ctcaccagcc	cagacaccaa	cccagggtgg	cgggagccac	attcatcccc	300

&lt;210&gt; 966

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 966

ggatctgacc	ctgattgggg	agagctgagt	gctgagcctt	gggagccctt	gccagccacc	60
tgcacctgtg	gacagtgggt	gggggcacta	ctccccactc	agagcacaaa	tgcaactcct	120
tcccctacaa	tcccatcctg	agccattgca	gggggcaggg	aagttcacc	ccccaccac	180
cccccgccc	ccccgaagcc	atgtcactga	aaaggcctgg	gggggatggg	atatggcctt	240
ttccccacca	ggcgctaagg	ggaacacccc	cttccccagg	tcttttattt	gtttaagtta	300

&lt;210&gt; 967

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 967

aattccggtg	ctgtcgggtac	atTTTTgcaa	ttgttttcc	ctaattgagt	gtaagacaga	60
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aggttggtta	aatggattta	tttactccgc	gcccccccc	cctgcccccc	gcttccattt	180
gggctgaata	ctaaaagggt	tttagagaga	gagaaagttt	caggggggtt	cataccctca	240
gtttacaatc	tgagaaacat	tttttttaaa	agcttccctc	caaacctgta	gcacattgcc	300

&lt;210&gt; 968

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 968

aattccggtg	ctgtcggcaa	tcctcccacc	tcagccttcc	aaagtgtgtg	gagctgtgag	60
ctacacctgt	gagatggcac	ccttgctctg	ctgcataatt	taagagttct	gtttagtcca	120
tcaattgagg	tcaggaaaat	gaacgtgctg	aaagataata	tgtaatgata	ataatttgta	180
gacataaatg	ccagccgtgt	ctgttaacta	tttcagggtga	tattgtacta	aatctctgaa	240
atcacctgtg	atgaactttt	aaaataaata	aaacttttaa	gtcacagtgt	gattataatt	300

&lt;210&gt; 969

&lt;211&gt; 300

<212> DNA  
<213> Homo sapiens

<400> 969  
aattccggtg ctgtcgggtc ttggttgctg ttctttccta gactcttcag aaaaaaatga 60  
attaactagc aatgcttaaa gaggtagtaa atacaagcca atccattttc attccagctg 120  
catttcacgc ttcagagtaa ttgctgttag ccagaatcac ttgtgaagct ttatacacat 180  
atacattctg tgatcttatt ccctgtaaac ccctattcag tagtcgggtc gtgatgaaat 240  
cccaggcatc ttcattcagg ttaaaaaaaa tatatatatg tctacatgaa attctggtat 300

<210> 970  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 970  
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aatgcccaaa ttgccaag tccatggatg ggagggattg caatgttata ttgaaaaagc 180  
ttgatacata gaggggtgga gaattggagc cagtcattca acctacccca tatcctttgc 240  
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<210> 971  
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<212> DNA  
<213> Homo sapiens

<400> 971  
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ctgaggtcat caagttcagg ggtcactcat ggcagggatg cctgggtactg agagactcag 180  
ggctcctgcc tccctcctgg gactgtgcaa aagatccctc cccccagctg ctgccccacc 240  
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<210> 972  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 972  
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gccactgagc atcgcgatct gcttgtccat gtgggaatact gttcaaagta gcaaaataag 180  
tatttgtttt gatattaaaa gattcaatac tgtattttct gttagcttgt gggcattttg 240  
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<210> 973  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 973  
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gaatcaccag attattttgt ggattttcct gttccatttt gtgcctcctg gacacctcag 180  
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tgggatgtta tggatgaaat cgatgagaag acctgggtac ttgagccaga aaaacctcca 300  
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 <211> 200  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
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 <223> n = A,T,C or G  
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 nnnnnnnnnn nnnntnnng 200  
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 <211> 300  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G  
 <400> 975  
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 gtgtcaagag gtatgaacag gagcatgctg ctatccagga taagctcttc caggtggcaa 180  
 agagggaaaag agaggctgcc accaagcact ccaaggcatc cctgcccacg ggcgaaggca 240  
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 <212> DNA  
 <213> Homo sapiens  
 <400> 976  
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 agatcaggaa gaggagtggg gcagaggtgg gaggtgatga gactcaagac tacagagaga 180  
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 <212> DNA  
 <213> Homo sapiens  
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taaaagataa atgaggggaa atcttcattt aagaaagttg ccttgctccc caagagtgcc 240  
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<210> 978  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 978  
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 ttccccaca tatctgagct tcagcatttt aaataagcaa caagtgggta tggtttattt 180  
 ttggaaccag cgtgaaggca gctgacacaa ctcatctggg ttgcctgggtg cttgcagggg 240  
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 <213> Homo sapiens

<400> 979  
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 aatatcacac tcctaataatc acagcctgtg atagcattcg gaatatccaa aagggatggg 180  
 acttttaatg tcacatgggg tgacacacct ttgataatat tcgtaagatc ctaggacat 240  
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<210> 980  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 980  
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 aagggtgaaca gggacctcac ctctacctcc ttcttagggg gcgagaacag tactgcccc 180  
 gtcaagagga gcacggggga atgggggggc cccacccagt ttcaagaccg actccgcctc 240  
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<210> 981  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 981  
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 ggcccccatc accctttcca tcacctccc ctgccccagg ggcattctat caaatggcag 180  
 ttccccctc gcttgctca gcatctccaa tttagagctt catggatctc ctctgttga 240  
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<210> 982  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

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 cctgggaccg gggcccagtt accccccccag ccccgatacc ttgggtcgtcc cccatcacca 180  
 acctcaccac cacccccggg gctgatggat gtgagcctgg tgggcggccc tgctgactgc 240  
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<210> 983  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 983  
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 tgaccgcgga gcccgcgagc ctgagcttgt tcacaaagaa gccgcccagg aagggtgccgc 180  
 caccaccgcg tggcaccacc agcctctcac cagagcagac tgtcggcctc acatcacccc 240  
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<210> 984  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 984  
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 ttctaaacct gcgtgtattt gaggatgaga gtgggaagca ctgggtcgaag agtgtgatgg 180  
 acaaacagta cgagattctg tgtgtcagcc agtttaccct ccagtgtgtc ctgaaggga 240  
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<210> 985  
 <211> 296  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(296)  
 <223> n = A,T,C or G

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 tgctgtgtgg tatataaacc aggattagtc ccagggtcgt gaggtttctg gtgaaaagg 180  
 taaatcgtag aagctagtat attttttata tttttgtaac aattgctttt ttcattgggg 240  
 aggcggggta ngatattata gncctaacaa gtccagtaat tttttataaa tcttca 296

<210> 986  
 <211> 300  
 <212> DNA



<213> Homo sapiens

<400> 986

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gcctcatggt	ggtgtcctcg	gtggcagtg	ctctctggcc	gcgggccctg	tctgtgtctc	180
cgtggtggct	ctcacagggc	tctccagaca	ctccttgact	gcatecttca	gtcttggccc	240
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<210> 987

<211> 300

<212> DNA

<213> Homo sapiens

<400> 987

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tgctgaacta	ttaaggaata	tgttcttata	gcttttgact	agaatgagtc	atgggaattc	180
taagaaggga	tggcctagac	atttttagct	cagttaaatt	cagcatttaa	tgccaggtgag	240
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<210> 988

<211> 258

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(258)

<223> n = A,T,C or G

<400> 988

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atnanagnng	gnaatacttc	nnaganttct	tgtgngttat	tttnnnnana	nacnttcata	180
ttnanttttn	ttttnatntn	tatntnttat	tnnnatttna	nagnaantant	tattnngatn	240
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<210> 989

<211> 300

<212> DNA

<213> Homo sapiens

<400> 989

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ctgagatgaa	agcggaagct	gtcattccca	ccagtgtctc	aggcgccagg	gcagcctcct	180
cagggagctc	cctgcctcct	cattgcactc	cacaaccaca	gcagagcatc	cacagtcgta	240
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<210> 990

<211> 298

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature  
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 <223> n = A,T,C or G

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 agagtgtgaa cgaggggcca ggaaatgtag gaaagctaac aaagtatgtt attctaggaa 180  
 tgaaagagaa agtgtatcat ggaggatgct gatngnctgc ntcncacgtt tgtngnctag 240  
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<210> 991  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 991  
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 agacagctgg acttgagcag agggaaacgac ctgacttact tgcactgtga tcccccttgc 180  
 tccgcccact gtgaccttga accccatgca ctgtgacctc ccccttctc ccccttccca 240  
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<210> 992  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 992  
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 ttgggcaaga gatttaaccc tgtcagggcc tcagtgtact cattagtaaa ggtaataata 240  
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<210> 993  
 <211> 271  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(271)  
 <223> n = A,T,C or G

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 ttccttttgc tgggaaaaaa gccaaaaaaa aaaaccaaac tgcccacaag gaacttaaaa 180  
 tcatttatgg ggattngnat ncagttntn gncccgangg cgcggnatnn nngcncccn 240  
 nnanntnccn gggnttangn ngtnccacg g 271

<210> 994  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

&lt;400&gt; 994

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gtaacctttt	gtttacccta	ttttgaatcc	taaaagaaaa	agttcagtta	tcatggccag	180
gcgcgatagt	tcaggcctgt	aatcctagcg	ctttggggagg	ccaaggcaga	cagatgacct	240
cgtgattggc	ccacctcagc	ctcccaaagt	gctggtatta	cagatgtgag	ccaccgcacc	300

&lt;210&gt; 995

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 995

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aaggggagag	aattggaaa	cccctggtta	gctttaaggg	cctctcagtg	cagcagaaca	120
catgctggct	ctattcataa	ctttgctctc	tggatcaata	ttctgaaagt	tggtacattc	180
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&lt;210&gt; 996

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 996

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tgatgggcaa	aatgcaaaca	acttggaaact	tgaagaaatg	gagcgtctta	tggtgatgg	180
gcttgaagat	gagagtggag	aagatggagg	tgaagatgcc	agtgcatttc	aaaggcctgg	240
attaatggct	tcagcttggt	ctttcatcac	caccttcttt	acttcactaa	taccagaggg	300

&lt;210&gt; 997

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(300)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 997

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tgggaagggtg	gtgatcgccg	tggtgatgag	cagttcttgg	tagctgcatg	tgaggagggg	240
gacaggctcag	gaactctagc	tcaggaaacc	ctgtggatgg	tggagggnaa	gatcagtctg	300

&lt;210&gt; 998

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 998

aattccgttg	ctgtcgcaat	tgaaaaacac	agaactgtac	ggaattttaa	agtggaaata	60
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gctctctctg caagcaetta acacctggca tgcaccttcc agacctttct tgtataaaca      180
tgcattgcatc gttttgttgt tttctaacag gatcactata tgtgccattc taccacttgg      240
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<210> 999  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

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<400> 999
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ggatttttac aaagtttttg taaatcccag tgagcgcaaa gctagactgc agtagatcga      180
gaagtgaata gaaagtgaca aacacagacg gagtgaaaac aactctttca gtaagttcag      240
tggtggagga aagatagctt aaagaggagg taatagtaga gtcagaacct tcaacctggg      300

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<210> 1000  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
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 <223> n = A,T,C or G

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agtactgggt aaatataatc tttgtacttt agactgtgtt cttatcacat atcagcctga      180
taagaggcaa cagtttcaaa aaagtatttc acttttgtat ttctaggttg aacagacaag      240
ttcttcatgt tggtggggta ggggcagtgg aggggtcaagn tcattatcaa acttttagat      300

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<210> 1001  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

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<400> 1001
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aatgagatga tagaaagtac aaaatcacta tgtaagtcag attaaaaagc cagcttgcac      120
tctctgcttt catctttttg aagcaataac tattacataa atcagtgaat acagtatttc      180
tacagtattt gaaacgggtg tcacaccacg caattccact tctagacata tatccaagag      240
aatggaaaac atgtgcacac aggcacttgt acatgaatat ttatggaagc attattcaca      300

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<210> 1002  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

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<400> 1002
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tggccaaaag caggctctta tttttaatgt ccaatttata tgcttaattt tgtctaaaaa      180
gatgatctta atgcatacat tagatgataa ttctctcttt gttccacttc atttcaacat      240
aattttttcc catatagtgt cttttaactt ttttaaagag gggatatttg aatgagacta      300

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<210> 1003  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1003  
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 aaactaaata ctgtctatgg cgcttgatac atcttgccag gcagttatca gacaggggtg 180  
 tactgggttg cgccaccca gaacgtgtgc aaggcctgtt tgtggaccct ccttggcctg 240  
 gctgtctagg tcatccacct gcgtgtgtct acagagcata tggatttttc cctgcggtgc 300

<210> 1004  
 <211> 234  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(234)  
 <223> n = A,T,C or G

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 gagactgtaa aggcgccact ggactctggc aaggccttta ttacctttac tccccctcct 180  
 ctcccatcac cagcctcaag gcctgagggg tgcaggggct cctggnagct actg 234

<210> 1005  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1005  
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 ttggaccacc tgagccaggg gctgtgatag aggcctggcg atagtgggct tggcaggaag 180  
 cacttgtggc catttgggaa aggggcacat tgctgtaaga tgctgaatgg ccaatgcctg 240  
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<210> 1006  
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 <212> DNA  
 <213> Homo sapiens

<220>  
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 <222> (1)...(300)  
 <223> n = A,T,C or G

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 atntntnttt ccttntatng ccncttatg atnatgacac nctcncnng gatgnagata 180  
 tatggaacca tatnttataa naaccctgn ccnntnttnc ttctgacctt cagttcactt 240  
 tgctgcctct ggagaaagct gttnttcttt aactaaaaat aaccaaagt ctaaaaaaa 300

<210> 1007  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1007  
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 gactgttaaa gtcttggaga tggtagtatg gtttctttat tacttttcat tatttctcat 180  
 gcaacaaaat agagcagagt ttattttaaa atgtgaaaag ttacactaat gaaattcatt 240  
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<210> 1008  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1008  
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 atggcattaa cgaaggggaa tcactggagc cttttagtat gaagctaata tttttgtcca 180  
 tcacaggcaa cttcttgcc acactctttt acaatatggc atttatgaca tagccaagag 240  
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<210> 1009  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1009  
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 tcggactgct tcccttcacc aatgtgaaca acttttttcc ccaaacagtg ttaaaagcca 180  
 ctttgcaaca cttgacttca tcttaaatgta cattcactgt tgttacatac atatctaagt 240  
 aatcaaagt tttgggtgga agtgttgaga agtatgagtt tttgttggt tttgttttac 300

<210> 1010  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1010  
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 aggtgacata aaaatagaaa agaggatgtt ctttcttgaa aataagcgac gacattgtag 180  
 gtcctatgac cgacgtgtc tcttccagc tgtgcaacaa gagcaggagt tctatgagca 240  
 caaatcaaa gagatggcag agcatgaaga ctttttgctt gccctacaga tgaatgaaga 300

<210> 1011  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1011  
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actgaaaaga	aaaaagaagt	tgaaaaaaag	aaacgggtcac	gagttaaaca	ggtgcttgca	180
gatattgcta	agcaagtgga	cttctgggtt	ggggatgcaa	atcttcacaa	ggatagattt	240
cttcgagaac	agatagaaaa	atctagagat	ggatatgttg	atatatcact	acttgctt	300

&lt;210&gt; 1012

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1012

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agccaggatt	ctgccaggca	ggttggcctc	agaggccaca	cttcttatcc	caataataaaa	240
agtgaacaag	aacaggatga	agttagagtg	agagagcgag	agtggttaaca	ctcatgcaat	300

&lt;210&gt; 1013

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1013

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gaagcctccg	ctgcttttct	ttctctctct	tgggtcccctg	cagcactttc	tttgaacctc	180
tgttttggca	cttaccatgt	tgtttgggtga	gggtctctgt	tacttgtctg	tttctttcac	240
tgggctgatc	tcctgtagac	aggggacttt	gcagaacatg	tgggtggagag	gagtcggttg	300

&lt;210&gt; 1014

&lt;211&gt; 298

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (298)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1014

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gtttaatttg	aaatcccttg	attattcatt	agctttccag	atggcttttg	ttgatgtttt	180
acatattaat	gcctgtattg	tgttattggg	gtactcttaa	tgtgcacata	ggtaatgagc	240
anagaatana	tacattggta	agtgtcccan	attaatggga	tattancgta	nttgcgaa	298

&lt;210&gt; 1015

&lt;211&gt; 278

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (278)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1015

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aaggggtaaa caggtacttt attttattta tttcttaaac attatctttt ttttttttg      180
naaanaccnn gccccccggg tggnnngnccg ggnnnccant ntaanttgn ngnaccntnn      240
ccncggggn nnaagggntt ttncnnnt aaccccc      278

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<210> 1016  
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 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(260)  
 <223> n = A,T,C or G

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taaaaagctg cgttgccag ttnttcattg ancnnntgnt gcnnnangc gtatnttanc      180
cttgctntat antcttntnc tntnnnttn cnnntntan tntaactttn ttntntnnac      240
nnnnnnnnnn tncgntgnnt      260

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<210> 1017  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

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<400> 1017
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ctcctttgac taagcctccc tcccctactc cctcctttcc ttcccttctt ccttcttctc      180
tatcaatata atcactttgt ttctttcagg tgagatcgga ctggaactgt tcggctgcga      240
ccgaaattt attttcctga gtaaattgcc gagaattaag aatgaagagg gccatttgca      300

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<210> 1018  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

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<400> 1018
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cagctggaga cttgccctct ttgtacagca aagttgtgaa aaaaagtatt tgactacat      120
ttatttaaac attaggaaaa aaagccaacc catgcttttc ttgcccaga ttaggggctg      180
tattattggc tagtgagaag cctgggaaca ctaggacttt gtgtgggctg attgcaggta      240
tcagatccgg gattatacag gtactgttgg aagtatcttg gggattttcc tgataagaac      300

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<210> 1019  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

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<400> 1019
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tagtgttcaa ttaaccagc tatttcttag accaaataaa gagaaaatag actttcttct      180

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tgaggatatgt tcaagatcag taaatttaga aaaagcttca gagtccttga aaggaaacat 240  
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<210> 1020  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1020  
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 ctacccatag aaataagccc accatatttc agaaaacatg gtgggtcata ggaaagcact 180  
 cagatgggac aacctagttg gatttggtac aaaatgagcc agatgtggga aaaggcaaat 240  
 taatatgatt atgaaaagta agaatgatgg agctgggtgc ggtggctcag cctcccaga 300

<210> 1021  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1021  
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 ccaattctga gtcccaagat taaacaggcc aatcttgggc cgggcaaagt ggctcatgct 180  
 tgtaatccca gcacgtcggg aggcacaagg ggttgatca cctgaggtca ggagtttgag 240  
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<210> 1022  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1022  
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 attatcagat ctgtatttag aaggagttct ggcagatagg gacagatttg tgccaaaatc 180  
 tcaagacagt atttttcaag attacactga aacttagtac atatttatat tatcatacat 240  
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<210> 1023  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1023  
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 tgcagttgta ccaatagttg tgagtggctc cagtcacttt aggagtcctt ggaagtactt 240  
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<210> 1024  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

&lt;400&gt; 1024

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aagtatatat agagagacct ttatttttta gtaatttttt caaatgggtt gggagatctt	180
attctagccc aattctattc tggcacttaa ttattttctg gtggcttgta atatggtaaa	240
tactggattc cagattgcat tcctatttcc ttgggaggtg aggatactcc catttgtaca	300

&lt;210&gt; 1025

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1025

cgcgcggttc agagctgggc gctgcagctg cactgccgat cgccgtgttt ggtcgataga	60
atccccagtg tgcccagaga gtgcgacccc tcgcccgccc cggcgagccc cgggcgtgaa	120
ccgaactgag ggaggatggc agcctctggg gtggagaaga gcagcaagaa gaagaccgag	180
aagaaacttg ctgctcggga agaagctaaa ttgttggcgg gtttcatggg cgatcatgaat	240
aacatgcgga aacagaaaac gttgtgtgac gtgacccca tgggtccagga aagaaagata	300

&lt;210&gt; 1026

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1026

aattccggtg ctgtcggcta ccaccgctc ctgggtgtctg agtttttagca gagcttttgc	60
cctctgagga cccaccccca gcctgcagat atgaaggtgg cgggtgctgtt ccctgggagg	120
gaccttgaa tagatggacg ggagggaactc tggagccaag ggtctccgca acgtcactgt	180
gtggatggga accctgagat ccagggttgg ccagggatga ccacaggcat cattcacacc	240
actccttcac cgcaggcctg cctgggggtca gtggcgccag cccacccag cccttgact	300

&lt;210&gt; 1027

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1027

aattccggtg ctgtcggcaa cttcaccatc ccagacaatt ctcgttactc ccgtaacata	60
cattgcttaa taaggttcat gcttgaacca gatccggaac atagacctga tatatttcaa	120
gtgtcatatt ttgcatttaa atttgccaaa aaggattgtc cagtctccaa catcaataat	180
tcttctatc cttcagctct tcctgaaccg atgactgcta gtgaagcagc tgctaggaaa	240
agccaaataa aagccagaat aacagatacc attggacca cagaaacctc aattgcacca	300

&lt;210&gt; 1028

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1028

aattccggtg ctgtcgggtc atatgcagac aaagcacctt caagatcttt gaatgaactt	60
aaacaatacg gatttttctc ttatttgaga gaattatttg atgcacctga tcctgtaatg	120
agttaccttt gctgtcagta tcatattcat gaagtctctg taggaactga aaagaccaga	180
gaaagaattg aacgggtaat acaagaacc cgattaaaac agatttatac agcagaagaa	240
aagtatgtgg tgaaaacttc tttttattca aacaaagtta tttctagtaa cacatctcta	300

&lt;210&gt; 1029

<211> 257  
 <212> DNA  
 <213> Homo sapiens

<220>  
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 <222> (1)...(257)  
 <223> n = A,T,C or G

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 atcttatatt cnatgaagnn gangganatn tattnctggc tttannnnnt ntacnnccnn 180  
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 nccantttctc nctntta 257

<210> 1030  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

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 acacacaagg tcaagactag aaatgtgttc ctgggtactt tcagcctact tggtttaatc 180  
 aaattgcttt tgaatatgaa tgtcctaatt taattctttg gacctttgag gggaggacac 240  
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<210> 1031  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1031  
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 gtgcacgata gcagcagtag tatctctctt ggaaataaac atcccatatt atgatgtcta 180  
 tgaatatagg tttcttttcc ttccttccct cctccttcc cccaccttcc tctttttttt 240  
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<210> 1032  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1032  
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 ggccttagct tcgaggggt gcctgtcgca cccagcagca gcagcggcgg ccgagggggc 180  
 gccgagccga ggccgcttcc gctttcttac aggcctctgg acggggaggc agccctcccg 240  
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<210> 1033  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

&lt;400&gt; 1033

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actttgtgcc	aggcagtctc	tagccacttc	acatctcact	taagttttta	ttagagtctt	180
aatgaagtgt	gctctctccg	acctatgccc	attactcaaa	tgctgcgggt	ctatttcttt	240
acttataaaa	tgagggttaat	aatgcctaaa	aaaggattgt	catgagaatt	aaacaagtta	300

&lt;210&gt; 1034

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1034

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tgaagcacia	tggaaggct	ccattagcac	tttagatggt	atcataactt	tggaanaacc	180
atttcaccat	gcgagtattt	acaaaaactg	aagctgtccc	tgctcagggt	tgacagagct	240
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&lt;210&gt; 1035

&lt;211&gt; 274

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1035

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gcacacctgg	gggcaagttt	tagatgagct	tctttcctcc	atttcacctg	gtggctctgag	180
gacacacaga	gggtgggggt	gagcaggcag	tggtgggtggg	aggggctacc	tccccagagc	240
cccttataaa	ctctgtacct	ctcggtgccg	ggca			274

&lt;210&gt; 1036

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (300)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1036

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tggtggaatg	ccacctgctg	atgtctgatt	tattcatcgg	ttttcttgte	tgtagtctgt	180
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&lt;210&gt; 1037

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (300)

<223> n = A,T,C or G

<400> 1037

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aacaagttac	ctaccacatt	tcactttagt	gtacctattt	acagaaagat	taaactgcca	180
cctgcgggca	cattcccata	aatgtgnact	ttactttaaa	agaacatgc	cacgattttg	240
tctttctgtg	gactcaacat	tcacttcgat	taaaaatagc	aatttgacca	agttggactt	300

<210> 1038

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1038

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tgtttttgaa	aaagtaatgt	atgcatgtat	tgtatccatc	agaatcctag	aaggacacag	180
agaatgctct	taaactgggg	agttttctgga	gagtttaata	aagatgtggg	ctgggcgcgg	240
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<210> 1039

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1039

gtgaaaaact	atcactttca	acaatgaaga	atagtaatat	gtcataatgg	agattatgaa	60
gttcagaaaag	gggtaaatgc	agttttgggg	agggctgaga	ctaagagaga	acacaataag	120
acaggcaatt	aagactgaca	tgaaagatca	gtcacattga	taggatatac	tcttgatatg	180
atataatgag	aatggcagtt	taccgctgtg	gttttctttt	cccaaaaccc	ataaccacag	240
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<210> 1040

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1040

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tcatagaaaa	tgtaagctaa	tggcaaattc	cttcaccttt	cacattttca	actttatata	120
tgcattatta	aggtacattg	gcattttggg	ggtaggaaaa	atgttgccct	aagaaaatta	180
aatagtgatt	tgtagctttt	agaatgtttt	taatgaaatg	atagccagta	acaaaattat	240
ttgtaagaaa	tgcttttatt	aacactgtaa	gtcttcaata	ctaaattgta	tgtatgtttg	300

<210> 1041

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1041

aattccggtg	ctgtcggttg	ttttaaacac	cacttttgag	atgctaaaaa	ttcagtcacca	60
atgggacttg	ttcaaattca	gttcagtttc	tggctatcaa	aaaatcaatc	tgttttaaga	120
tctagtctta	cccatgaaaa	ctttaataat	ggtagatata	taaaacatga	gttaattacc	180
cccaaaatgt	ttcagttttt	tcattgttat	attgccaaaa	accattcttg	ctatatatat	240
ttttaaaaga	agccatttgc	atgtccttta	gtggtagaat	agaaatttgg	ttaaaattgg	300

<210> 1042  
 <211> 295  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (295)  
 <223> n = A,T,C or G

<400> 1042

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aaaaaaaaant	ntgggacan	accanggacc	cntgngttcn	catgtcntgg	ggnccagttt	180
ttaactgggg	aanccgnggn	nggcntggaa	aaggaggcag	tgncgngac	tgtgctgttt	240
tccgaagccc	cntgctgct	gcctgttcct	cggtcctcgg	ggctggactg	gcgtt	295

<210> 1043  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1043

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ggctggcaga	gctggggact	gagggcattg	ttgctgattc	tcactcaccg	gggcagcctg	120
ccgcagatgc	acaggcccca	ggtgcaggcc	accacctccg	ggtcggcacc	aggactgccc	180
tcggtgctca	tagggaatgg	ctgggcccac	ggaaggctcg	cctgggatgt	ggcctgggac	240
tgctgctctg	ctggctgctg	tgtggatgct	tttcctggag	cactttccaa	ggcatcccc	300

<210> 1044  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1044

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gcaaataaac	atctagcaaa	tgtaaaaagt	attttctttg	ccttaaaaat	gattaaaatt	120
atttgaactc	ctgaggagtg	ttatatgaat	aaaattagta	agttatttgg	aggaaaagta	180
ttttttaaaa	agacaactgg	taaaacagta	caggagaaag	gccagcttcc	tcaagtggag	240
acagttgttt	agaattgact	gaggagcggc	cgggtgcgga	ggctcacatc	tgtaatccca	300

<210> 1045  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1045

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accctatcgg	gagcttctgc	gggaagctgc	ggtctctggc	cagcacgctg	gactgcgaga	120
cggcccagct	gcagcgagcg	ctggacggag	aggaaatcta	ttgttttagat	tatccaatga	180
gaattttata	tgaccttcat	tcctaagtcc	agactctaaa	ggatgatgtt	aatattcttc	240
ttgataaagc	aagattggaa	aatcaagaag	gcattgattt	catacaggca	acaaaagtac	300

<210> 1046  
 <211> 300  
 <212> DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1046

aattccggtg	ctgtcggacc	aacttgatga	tggcatctct	tttaagatgc	ccaagtctgc	60
gcacttttat	tcctttatcc	ggcccctagc	accccctccc	caccccaaag	aagggtcagtt	120
gcatgcgtgt	ggggatgtag	ctcaaaaaag	aaataagatg	gagtggaaag	gaaagaaagg	180
aagaagcagg	aattcaaggt	gggtgggctg	agcttggggc	cacctagccc	acctgctcca	240
atcaagggct	ggaacaaacc	tgaggccact	tggagaggca	gggctgggca	gggacagggg	300

&lt;210&gt; 1047

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1047

ctacttggtc	tttttgcagg	atcccatcga	cagatcctgg	tacccctgc	ccgcgcgat	60
ataatgcttt	ttcgccccc	tgggacctcg	gacttgggct	tccctttgga	catgaccaac	120
ggggcagcct	tggcagccaa	cagcaatggc	atcgccggca	gcatgcagcc	agaggaggag	180
gcagctcggg	cggctgggtg	agccattgca	ggccaagcct	ctttgcctgt	gttacctggg	240
gtggaccgct	tgcccatggt	ggctggaccc	ctatccccc	aactgctgac	ttcccatc	300

&lt;210&gt; 1048

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1048

aattccggtg	ctgtcgggag	gtcggactca	ggaggctcct	tctccactcc	cggaagatca	60
tgtaccagcc	cagccggggt	gcggcccggc	gtctcggccc	ttgcctgcgc	gcctaccagg	120
ctcgacccca	ggaccagctt	tatccaggga	ctctaccatt	ccccccctt	tgccccact	180
ccacgacaac	cacttcccga	tcttctcctc	tattctggtc	tccctgccc	cacgccttcc	240
caccacgcgt	cttccccagg	ttccccact	acctctccct	cagatccagg	ccctcagctc	300

&lt;210&gt; 1049

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1049

aacaaaacca	aaaagatgcc	cctttttttg	tagggataag	aaatacattt	gttttatact	60
tctatgctat	attttgctat	tcaaaattta	gtgggcatta	cttaacattg	tttctaatta	120
ttttgtggct	gctgtatgtt	ttatgtgttg	ggagcccat	gtattaggcc	gttcttggat	180
tgtataaag	aaatacctga	gactgggtaa	tttggttttt	tgggtttttg	gggttttttt	240
tgagacggag	ccttgctctg	tcgcccaggc	tggagtgcag	tggcgcgac	tcggctctat	300

&lt;210&gt; 1050

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1050

aattccggtg	ctgtcgggac	atttagtctg	cctgggtttg	aatcctagca	ttgtcattta	60
caggtaagta	tcactctggg	caatgcatct	ataaattggg	ataataatac	caaattggaa	120
caataatgat	aggtagttg	taatgattaa	atcaataaat	gagagtaaac	tcctggagta	180
gtgactgaca	catggcatgt	aataaacatt	tttctttcta	cgaggatttg	atatattatta	240
acctcttaaa	agcaatttgg	actccctttg	tctcttattg	tcctgtgaca	gttaccatga	300

<210> 1051  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1051  
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 gatcatggca gtgtctcaga aggctgagtg tctgccttaa gtttacgttg tcaacgcagt 180  
 ttagagggtg aacatgtctg tggacatagt tgaactgggt ttttgaagat gtaattacca 240  
 atttacatca tggccaaatt ggaattatta tttttaattg gaattattat ttttaaaaaa 300

<210> 1052  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1052  
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 tgggaggatc gcttacaccc aggagattga ggctgcaatg agctgtgata gtgccactgc 120  
 actcagcctg aatgacagag ggacaccctg tctcaaaaaa aaagtcagtt tctcacttgg 180  
 actaactact ttttaactgt taatagctgg tggctgccat actggacagc ccaagactag 240  
 aggctcaatg ggctgttctc cactctctgt ccaagggaaac ctctctttat gtgctttttg 300

<210> 1053  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1053  
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 gtcattgaga aaaggatgga acattcaata aagggtgctg gacacatttg tgctctaaaa 120  
 attttgtgtt tcacctatta atttatccct ccccttagcc cctggcaaac actgatctgt 180  
 ttactgtctc catagttttg cctttcccag aatgtcacac ccttggaaac atacagcatg 240  
 taaccttttc agattggctt cttttacgta gtaatatgca tttaggattc cttcatgcct 300

<210> 1054  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1054  
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 aagtgttaag aataaaatat gacctatag cacaaaaccc aggcagatca ttcttcaagt 120  
 gtaaaggcca tggataggtg ctgcgaagca tgaaagccct tggggaagat ggtgtccaac 180  
 tttgggttgg ggcccgtggg aggctgaaca aaacctagcc attggggagc tgggtgaagt 240  
 cagagacagg aggactggta ggaaggagag aacctctttc cttatagaat gactaagcaa 300

<210> 1055  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1055  
 aattccgttg ctgtcgagat ttactatta tacactaaat tttcaataat gattagaatc 60  
 tgaaaaaatt tgaaattgtg aataaaatgc ttttaaacat tttatcaagc attacaaaag 120



tagagaatag tataatgaag caacaccaag cttcaacat tgatacatgg ccagtccttt	180
ttaatctata cccatccctc ttcagtcac ccccttccac cctaaattat tttgaggcaa	240
tatctctaaa agatgaggac atttttaaaa acaaatataa ttttattatc ataaataaaa	300

<210> 1056  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1056	
aattccgttg ctgtcggggg ctgttggcat aatcacaagc ctgtctgtct tcgagaaggg	60
acagtggagt catccagggg ctgccacatg acaggcacgg tgggcaccga tccacagtgg	120
gccccgcctt ccccagctcg cctccctgcc tgtgctggcc tggccttgcc tgctggcacc	180
attggagtag gagggggtgg aacacagggg gcccatcctg atcaggcccc atctcaaggt	240
tggcactcct gcccatcacc cttagaagga tcttttccca tggcttgact tccttcattt	300

<210> 1057  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1057	
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aatcagtttg gggcctagac ttaaaaggga gcacgtggtt aggaaatctc attagctgac	120
aatttaactc cactctaata ctgctccaaa gageccggac aaagacttcc tctcctttcc	180
ctttgcagtt ctttctcctt gctcctctct tctccctccc cctctaaac cagaaaggaa	240
aagcagcggt gggcctgtct ccttccccc agattcctgc agttctagtg tgccgactga	300

<210> 1058  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1058	
aattccgttg ctgtcgtctc attgttgttt taagattgac cttacctgtc tgttgaaatt	60
gaccatagca catccttgat ccttgagatt ttactattca acctgttttt ctgtttttgt	120
tgttgttctt ttcactccct gaaattagga gagtagtaca tatttgtgtc ttccacagac	180
gatacagact ttaagatgta gaagctcatg gttttataga tgaagggatt tggaactcct	240
cccttcaggg tcaatgtact tgattgtctg aattaaactt gggtcccaag ttaataactc	300

<210> 1059  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1059	
aattccgttg ctgtcgaaaa aaaatttaat ttgaacactt ctgttttgtg cagttttctc	60
tgttatattt tactttttta aaagaaaaag cggtgagcc accacgccca gcctcacatt	120
tttatattta aaacctctcc aggctgggag cggtggctca cgcctataat cccagctggt	180
agggaggcag aggtgggagg acagctcgag cccaggagtt ccagatcttc tgctgggca	240
atataatata gcatgaccct gttctaaaaa aaaaaatctc tgaaaaagat gattcaaaaa	300

<210> 1060  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

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<400> 1060
aattccggtg ctgtcgtgaa aaaggaaaaa tcacaataat aaccacaaaa gtacaaaaga      60
tcattacaga ctattatgaa ctcccatata cttacaaact agaaaagcta gaggaatgg      120
atacatcttct ggaaagcaag aaggaataga aatcctaaac aggcccaataa tgagtagtga      180
tattgaatca gtgatttaaa aaatcttcca ataagaaaaa gccaggaccg aatggagtca      240
tagccaaatc ctaccaaaca tataagggag aactaatacc aatcctcctg aaattgtgcc      300

```

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<210> 1061
<211> 300
<212> DNA
<213> Homo sapiens

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```

<400> 1061
aattccggtg ctgtcggata gggcaatcca agagacatag tcctaacccc agagtagcat      60
gtaatccctt cttagcatcc ctctttgaaa actgaagata gtacagctga gggaaactgaa      120
caggttccca ggatcataga gaatcattaa gctgaagcaa acaaacaac aaacaaaagg      180
caaactagaa gaaaagcagg attcaatggg ttctgcacct tcttagtcta tcattgcttt      240
gtaaacattc tccggtttta cattactaca gaatatggtc cagatataaa gttctactgt      300

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<210> 1062
<211> 285
<212> DNA
<213> Homo sapiens

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```

<220>
<221> misc_feature
<222> (1)...(285)
<223> n = A,T,C or G

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<400> 1062
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tccatttttg ttgttggtga ctcaaagtca ttctgaactt tcagaattca ggtgggtgat      120
gggggtgggg gggggtgtcn gtntgnntct nttnttcttc tttaantgct cttatcnnn      180
tannccatgn atnannnctn ctnnnnnnngn tcatctntnc nntctannga tttcntttgt      240
nannaacttt nnatcgnttg tcnnatgann ntntntgttc tatct      285

```

```

<210> 1063
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 1063
ctctccccc ctccctctct cttectttcc tctctcttgt tgtaactggg agtggaggcc      60
cactggctgg ggagacatta ggtggtgggg cccagcccgga cctccagggt cttecttctc      120
cctagctggt gctttggtct ggccactccc agcccccttg tccccttgga agcttgccct      180
gccctcatct tgcccatgcc ttctactgcc aggagacttg caccatttc aacctaggg      240
cgggggcaag tggggcaagg atggaccagc agaagggggg taaggctctg ttcacttccc      300

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<210> 1064
<211> 290
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(290)

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<223> n = A,T,C or G

<400> 1064

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tgggctaagt	atgatgaatg	tataggttag	ggatctttng	gntntaaatc	ncagacaanc	120
taattcaaac	tggcttaana	tganaaggat	ttatngnttc	atgtaactag	aangatnnta	180
ncnngngttt	gnttcngnnn	aagantnngn	ccnccggnng	aattaccntn	tanancnna	240
nggantnngg	ntttaaannt	ngtgtnnnnt	nagggttntg	nattaaaaaa		290

<210> 1065

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 1065

aattccggtg	ctgtcggagc	tcgtgagtgg	gcgcgcgcgc	caccgcccc	gccgcgctcg	60
tctcggtagc	agccttcgcc	acgcgggggt	cttcagctcc	actggggcca	tgtcagagcg	120
agaagagcgg	cggtttgtgg	agatccctcg	ggagtctgtc	cggctgctcg	cagaggacgt	180
gtgctatcgt	ctgagagagg	ccacgcagaa	tagctctcag	ttcatgaagc	acaccaaacg	240
ccggaagctg	acggttgagg	acttnnncag	ggccctcaga	tggagcanng	agtaggctgt	300

<210> 1066

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1066

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ccatatgggc	ttagcgtctg	ggtcactgag	aacgacgtct	gaatagggcc	ctgggtcctt	120
gccatggatg	aatgtggttc	ccgcacccgc	cggcgggtgt	ctctcccca	aaggaaccgt	180
ccaagcttgg	ggtgtatttt	tggcgctccc	accgtggtcg	agctcgagcc	cggagatgag	240
gggaaagagg	aggaggaaat	ggtggctgat	gaacaggagc	tggaaaaccg	cgggcgtact	300

<210> 1067

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1067

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ccacctgact	ccctccagca	acagctctgc	actttacctt	tgtattctct	cctttctgac	120
tatggtcagc	agacttctaa	gacggccccc	aaagattgcc	acctgggtatt	catgtgctcg	180
tggtatctcc	tcctcttgaa	tgagctggac	ctagtgaactt	ctagtgcaca	gaaatgtggt	240
gaaagtgatg	ggataacaat	ttccagatta	agttataata	gacactgtgg	gctgggtgcg	300

<210> 1068

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1068

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ggtgtgggag	aagccaaagg	ggcaaagctc	aagacggtgt	ctccctgggtg	agggcagtta	120
cattggcata	agttgtctag	cataacttgt	catgccgacc	ccttttcaag	atagcagctt	180
cattcactga	taatgtggca	gtgttcccct	tcacagtggt	aagacatggg	atgtgttcta	240
ggggaattta	tagtacttga	catgtatgag	ggaaattcta	ctatcaatta	agtacaagag	300

&lt;210&gt; 1069

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1069

aattccggtg	ctgtcgggct	gtacaaaagg	tagacataat	agtgagaagc	cacctgagcc	60
agtcaaacct	gaagtcaaga	ctactgagaa	gaaggagcta	tgtgaattaa	aacccaaatt	120
tcaggaacac	atcattcaag	cccctaagcc	agtagaagca	ataaaaagac	caagcccaga	180
tgaaccaatg	acaaatttgg	aattaaaaat	atctgcctcc	ctaaaaaag	cacttgataa	240
acttaactcg	tcacagggga	atgaagaaaa	taagaaagaa	gaagacaatg	atgaaattaa	300

&lt;210&gt; 1070

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1070

aattccggtg	ctgtcgcaca	tacacacaca	tacacacaac	acatacacac	acacatacac	60
acacatacac	atacatacac	acatacacac	acacatacac	atacacacat	atacacgctc	120
acagacacat	gagtgaatct	acatggaata	tccttgaat	aaaatgcaag	caattgggta	180
tagtgattgc	cactggggca	gggaactagg	aacttgatag	taaggcttgg	cagaaaaatt	240
actccttata	atacacagtt	tttggtattg	tttgagattt	ttaaaatacc	atacatgtat	300

&lt;210&gt; 1071

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1071

acttcgattg	aattcccga	gctgtcgatt	tagttatttg	aagagaggtt	ctcatttcct	60
agaaaagata	tgagaaaccc	aaatagaaaa	ttattagaga	tctttgagac	actctattta	120
cattctggac	ctaattcttt	tgaattgtct	tatatgagtg	agtactttgt	ggcagaagat	180
ctagacattt	taataaaaca	ttttaatata	aatatctaga	tatttttagat	acatatattaa	240
gtatctaaaa	ttcagacagc	caggggtggt	ggccgtatac	ctgtattcct	agctacttgg	300

&lt;210&gt; 1072

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1072

aattccggtg	ctgtcgcctg	tgtgtcggga	acattcttcc	ctggaaccag	tgctccacat	60
ctttcttttc	ctctgagagc	tgcagctggc	agggacctcc	ctctgctgct	cctccagcaa	120
gccacagagc	ataccctcac	gtgacaagag	tgtggtaggt	tttctcccca	cttctcacac	180
acgcttggtg	gttgtggttc	catctgcctt	gttggcttgc	ccggggggat	tcaacacttg	240
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&lt;210&gt; 1073

&lt;211&gt; 252

<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(252)  
<223> n = A,T,C or G

<400> 1073  
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acaactcact gtacacttga gaataatacc tacagagggt catactgaag agtagtctca 180  
ataatgtaaa gaatttgaca agcatgatgc tattgaaata gttctgtcng aagnggtgtt 240  
nnttcttctt tt 252

<210> 1074  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1074  
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accagcagc tcccagagggt gctgcagtgc cagccccagc attaccactg ctaccatcag 180  
tcaagccaag cccagcagcc tccagaaaaa aatgtagtgt atgagcgagt gaggacctac 240  
agtggggccca tgaacaagggt ggtgcaggcc ttggaccct tcaactcacg ggaagtgtc 300

<210> 1075  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1075  
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gctcagagaa atgatggaag aaattgaaaa tgcaattaac acttttaaag aagagcagag 180  
atatgaagag ctaattaaag aagagaagac aactaataat gagttgagtg ccatatcaag 240  
aaaaattgac acatgggctt tgggtaattc agaaacagag aaagctttca gagcaatctc 300

<210> 1076  
<211> 291  
<212> DNA  
<213> Homo sapiens

<400> 1076  
aattccgttg ctgtcgaagg atataagttt ataatactgc tatttttgat tcccttgcc 60  
aagaaaaatt aggtatgaat aaaaatttaa tttgaactga tatcacttcc cttaccattc 120  
acatgttaac taattgataa gataaaaatg tggtgtagta gaatagacta gatcgtatgc 180  
cttttttagat gaaaattata gaagatattt agtcatagta actacaaagg caaataaat 240  
atcacagcaa aaccagtaat aggaatgctt gcgactttt ttttttttg g 291

<210> 1077  
<211> 300  
<212> DNA  
<213> Homo sapiens

&lt;400&gt; 1077

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acacaataag	aaatgtattt	aataatacat	tttaccttat	tttcaaggct	tatcatgaca	120
gtaactattc	tttaaataat	aagaaggagg	aaggtaatat	tatgaattac	taccaccaac	180
agaaaataat	gctgttgatt	accattaaa	atggtacagt	agtatcattg	tctgttggac	240
atatagatca	gtttttttct	tctaaatgct	atttcaactc	tctattatta	acatatatat	300

&lt;210&gt; 1078

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1078

aatgggtatt	gtcttagtct	gtttgtgcta	ctgtaaaaaa	tatctgagac	cgggtaattt	60
ataaagagta	aatttccttt	tcacagttct	ggaggatggg	aggttcacga	tcaagatgct	120
gccaggttcg	gtgtctggtc	agggccaggc	ttctgcttcc	aggatggcac	cttgcattgct	180
gtctgttcac	atggtggaag	ggcaaaaagg	gggcctagct	tgctttctgc	aggcctctta	240
taagagcact	caaccatttg	tgatggcaga	gcctgtgtgg	cctcatcacc	ttccaaagcc	300

&lt;210&gt; 1079

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1079

aattccggtg	ctgtcggaaa	ctccctggag	cgacgcagcg	tccggatgaa	gcggccttcc	60
tcggtaagta	cgctgcgctc	cgagcgtctg	atccgtacct	cgctggacct	ggagttagac	120
ctgcaggcga	caagaacctg	gcacagccaa	ttgaccagg	agatctcggg	gctgaaggag	180
ctcaaggagc	agctggaaca	agccaagagc	cacggggaga	aggagctgcc	acagtgggtg	240
cgtgaggacg	agcgtttccg	cctgctgctg	aggatgctgg	agaagcggca	gatggaccga	300

&lt;210&gt; 1080

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1080

aattccggtg	ctgtcggtaa	acttaaggca	taaacttctg	aaaattagtt	atgtataatt	60
ttattcaatc	taatgtacat	tttaaatatg	gataattgat	agttttttct	acaaataaaa	120
atgtactata	tatttagtta	cataaatact	gttcattaac	tttgaattga	gaaaatggat	180
accatttgca	ttgctattgt	ggctttaatt	ctgtgggttc	agatggctat	taaaattaca	240
tcttttaatt	gtgtttattt	ttaaagtga	aaagtgatca	ttatcctcct	gttcattttg	300

&lt;210&gt; 1081

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1081

aattccggtg	ctgtcgggat	tattatgcta	ctttattaat	gtttattggt	attctttaga	60
aagtaaatga	ttgtaggctt	ataaaattaa	gaaatctagt	ttttagtaac	ataatcattt	120
gtccctttta	aatttttaaat	cactctaaat	ctgaacataa	tagctaactt	aaaataagta	180
gcatttggat	tacattattt	ttgcagataa	ctgattatct	gtgtgaaatg	atttagtatt	240
ataaatgttt	tgtgataaag	tttatggtaa	agattgatta	tagttacctc	atctttatct	300

&lt;210&gt; 1082

<211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1082  
 aattccggtg ctgtcgctgg aattttcttt actcctgtat ctgatgtctg ggctgcgatg 60  
 actcaaaggc tgatttcagc tgagactgta gaccacgtgc ctacttgtgg cctccccttt 120  
 tgccttgggt ttctcacaga atgtggctgg ttctggagaa tgagacttcc aatgaaatca 180  
 ggtggaaatg acatctcgcc gctttcagca tgctctattg gttggaacag ttatggactt 240  
 agctagattc aaaggaaggg aacaaagacc ccctcctctc agagagtggg gcataatgag 300

<210> 1083  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1083  
 aattccggtg ctgtcgggac aaaaccacag caagctgtca ggtttctgag tgaactgctt 60  
 acttttccat aattgataga taatacagcc atgtctttaa gagaactctt acagagttta 120  
 ttattatata tggcaatatt aatagagaaa aatatttcat gtgattttta gagaacttaa 180  
 gcatttgcc taaatgtttc ttaagcccta gaaatatagc tataatttca ttatttatcc 240  
 tctcttaaac agatgattcc ctggtaaaga gaagaaaaac actgtataaa gtacagctgt 300

<210> 1084  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1084  
 aattccggtg ctgtcggaaa gaaatcattt aaatgtacta tatgtggcac aggctgtatc 60  
 gagacctacc aaatcactag acatcgaaac attcatcttt ggtgaaacca cacaaatgga 120  
 ttgtgtgtgc caaggccaac aagtcaaaat atgttgaacc taatgatatg atgtgtataa 180  
 aggggtgcaag gacacgtgga aatgatctgt aatattcggg ttattaaaaa tgtaattggc 240  
 tgggcgcagt ggctcacacc tgtaatccta gcactttggg aggttgaggc aggtggatca 300

<210> 1085  
 <211> 293  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(293)  
 <223> n = A,T,C or G

<400> 1085  
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 gacaggagct tctcaatcaa aagaatagag aacaagaaga aattgtcagg ttaactcta 180  
 aaaagaagaa tcttcattct gagttggaag cactgaatgg caaacatcag cagatctcag 240  
 gcagacttca ggatgtccga ctcaaaaagc aaactcanaa gactgactgg aag 293

<210> 1086  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

&lt;400&gt; 1086

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aattccggtg ctgtcggcca actgttttat gtacttgaga agcaggtgtt aacttcctca      60
gttacaaatg agaaaaacca ggcttaaggg gattgactca ttgccaata gtcatgcagt      120
taattgcgtt tgttttgcca cacagccact gttctttaca tagcaatttg gtatatagag      180
aaaatatggt gccatgggtc agggcacgac tttgaggatg gactgtctgg cttcaaaaat      240
ctgatttcca tcccttactt attatgtaac tttggccaaa ttactgaatg tcttaaccct      300

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&lt;210&gt; 1087

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1087

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aattccggtg ctgtcgcaga gacttgctga aggattaaaa ggattttctc ttttgaaaaa      60
gcttgactga tttcacactt atctatagta tgctttttgt ggtgtcctgc tgaatttaaa      120
tatttatgtg tttttcctgt taggttgatt ttttttgaa tcaatatgca atgttaaaaca      180
cttttttaat gtaatcattt gcattgggta ggaattcaga attccgccgg ctctattact      240
ggtaagtac atcttttctc ttaaaattat ttagcctcca ttattacaaa aaattataaa      300

```

&lt;210&gt; 1088

&lt;211&gt; 282

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(282)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1088

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aattccggtg ctgtcggctg gagtaaaccg tgatcgagtt actgcactcc agcctgggtg      60
acaagagtga gactctgtct ccaaaaaaaaa aaaaancngn atngccnggn tttactcngg      120
nncnannntg cagncnagt tntgcnctn tgctgttngt tcnngnttcn tccannnatn      180
ggcntcacen tttggnncca aaanggctgn tgcnttcag gcttnanntc canactcaaa      240
ccanaaaaan ctgcccaccc ntacctgggn gaccctttgt ag                          282

```

&lt;210&gt; 1089

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1089

```

aattccggtg ctgtcgcttc tctgccccta aatttgata tccatttoga gatttagaat      60
ccaaacgctt ttattggaga accattaaat taagaataaa gttctaaatc agtttctcca      120
attagttcta ttatattcta tagtatatat actgtaattt tgcattccca cgtgtgtcct      180
aataaagata cctatagctg aacagtttgt agcatggaat aaataaaaaac caaatgattc      240
gtgttataaa atactaacat cctttgtaaa aacacaaaaa tcttgtacct atatatatat      300

```

&lt;210&gt; 1090

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1090

```

aattccggtg ctgtcgcttc aaacctaaaa atcaagttat ttctttttat aatacttttc      60
ttccccatgg aacaaatggg atcaatttgt gagttttttc ctttaatgat aactaaaaac      120

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cctctaattt	ctcatttatg	cttttgtctt	ttttatgaaa	tatttctttt	aaaagcccca	180
ggcttcacct	acgaaatatg	aagagcaaaa	gctgattttg	cttacttgct	aaactgttgg	240
gaaagctctg	tagagcatgg	ttccagttag	gccaaagattg	aaatttgata	ctaaaaaggc	300

<210> 1091  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1091						
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ggagatcaag	aaggaaacttt	caaagactgg	tgaagaaaaa	tacgtggaag	aatctaaagc	180
cagcaagaga	ttgacaaaaa	gggtgcagca	aatgatcggg	cagatcgatg	gcttgatctc	240
gcagctggag	atggaccagc	aggctggcaa	gctggccccg	gccaacggca	tgcccacggg	300

<210> 1092  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1092						
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ttttggatgg	catctaatat	attaatagcc	cagaaaaaag	gcgccactaa	tgaatatgtc	120
ttggattaca	tagtgacata	tattagcttt	tcgtccacat	ttgataacat	tgctaattatt	180
ttcttttttt	ttactgaagc	tccttgaatt	taaagttttc	tctcatttaa	atttattaat	240
taaaaacata	cctttactct	gttcccttta	gcatttcaac	ctgatgttaa	aagatgtgta	300

<210> 1093  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1093						
aattccggtg	ctgtcgcatt	aaagtcacta	agaataacca	ttttttccag	tatatatgga	60
atatacacca	aaaaagacct	tatcctggac	catagataca	ttttaacaaa	ttcccaaaga	120
tttatatttt	cagagactgt	tttctgaata	ataataataa	attagaagta	aaaaaaattg	180
gaaaattcct	aattattttg	aacttaaaca	tcagtgttgt	aatatccct	gagtgaaaaat	240
aggcttaaca	aaaaatctac	taaaataagt	ctaataaata	aatttagaac	atattttgaa	300

<210> 1094  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1094						
ggcacaattt	gaagcccaac	ctcagattct	aagtcccata	tattagtttt	tggtacaat	60
catcagtaaa	ggagaatatt	ttaaaaacct	ataaaggagt	ccttgacaat	actatctaaa	120
tcctttttata	cattgataat	tttataatat	accctgtata	tattaggtaa	atgctgtag	180
gtctccaaag	acctagaatt	gagaatcaga	gggtaaaacat	ccaaacaaat	cccctagatg	240
tgggaaaata	aggaagttat	cttatttcgt	cgtcatttat	attgaggtga	atcatgatgg	300

<210> 1095  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

&lt;400&gt; 1095

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aattccggtg ctgtcgacaca gctcttggtc tccagacctg atgaggaaaa tataagttcc      60
tatttacagc tcatagacaa gtgtctaatt catgaggcat ttacagagac acagaaaaaa      120
agattgttgt catggaaaaa gcaggtgcag aagctctttc ggtctttccc tcggaaaacc      180
cttctagaca tatcaggata tcgacagcaa agaaatcgag gctttgggca atccaactcc      240
ctcccgcagg ctggctctgt gggcggtggc atgggcagac ggaacccgcg ccagtaccag      300

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&lt;210&gt; 1096

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1096

```

aattccggtg ctgtcgggaa attcagttac ataaataaat tacccaagtt acatacctat      60
atactgatag atttcaagtc atgttccaga aatcatgttt ctaactagta tgctacactg      120
cctgtctcga aaaaaaaaaa atagtaacta tgctctacac tacgcagtcc acttactatc      180
ccagttcctt attctccttt gctgcaaaat gtcttgaaag agttatttat gctgctgtgc      240
tgcagttaag ccatttcagg gggatggagg gcgcacaacc ttatttgaag tgggttgagg      300

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&lt;210&gt; 1097

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1097

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aattccggtg ctgtcgacaca gtttaaaaaa gaaattagtt tctcctaattg tgcacattaa      60
aagtagtaaa aatggccaat ttgtttaaatt cttgatcctt gaggtaattt ttgtgtgtgt      120
gcattttttc cttgtaaaaa taatccatgg gagggcatgg tggctcatgc ctgtaatccc      180
agcacttttg gaggccgagg gaggtgggtg gatcacctga ggtcaggagt ttgagaccag      240
cctagccaac atggtggaac .cccgtctcta ctaaaaatac aaaaattagc cggcagtggt      300

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&lt;210&gt; 1098

&lt;211&gt; 270

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(270)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1098

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aattccggtg ctgtcgcttc ccttccttcc ccttccatct ttctttccac atgtcctttc      60
cttattggct cttttacctc ctacttttct cactccctat cagggatatt ttgggggggg      120
atggtaaagg gaanccnncn canannccct ggaactnngt tntnncngnc tcncncaann      180
ggnnccntng cnaccnngt acntcnacc tannaanncn ntacagtnga aancaaccn      240
nnccnncnna cncnccnncn cncnncnana                                     270

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&lt;210&gt; 1099

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1099

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aattccggtg ctgtcgctca ttccaaggct atgcatatgg atgtcacatt cccatgtcaa      60
tcctctcttg aagggtattat tcgcccagtt ttttaagcat gggaaactga ggcttagagt      120

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cttaaaaaat aagtagctgg cagtctctca gcaaataatg atgggtgctgc actacagacc	180
cagatctgtg actccaaagt cagcctttgt tcttttcttc ttgttacttt taattggaaa	240
aaaattttaa ttgcaaaaag ttgtagagtg ataaaaacaa aaatccacga atgctcttct	300

&lt;210&gt; 1100

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1100

aattccgttg ctgtcgcaga ataagcctat caaacatagg tcaaatgggt aaataaagaa	60
tgaaagcgta aaagccatag aagaattttt ctgttgctct ggagtagaga gaccttccta	120
agtttgacac aaatcccaga agctataaca taaaagactg atacatttga caacatcaaa	180
atgagatcca cttcataaga gtaacactgt aaacaaagtc aaaagataca tgataatctg	240
agaaaaataa tttggaaaaa atatgataaa aggagttaat tttcttaata tactaagagc	300

&lt;210&gt; 1101

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1101

aattccgttg ctgtcgtcct cctttatgag aaaagaatag accctgatag atgaagctat	60
aaagtcttat aacatatctt cattgaacgt gtgatttttt ttaaagtata aatagcatat	120
tcatattttt gcaaattgct tgttttcagt acgcagcgtt ttgagagctg tgtatgttaa	180
tgcaattgac tcccgaacag tgggtttgaa ttgctcaggc ccacttatac ctagctttta	240
ttcaacaaaa cacataatgg ccagcatata tgaggagcta acttttcata tgtgtggtct	300

&lt;210&gt; 1102

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1102

aattccgttg ctgtcgcaca aaacaaacaa aaaccctga ttcttgaga tcttgattcc	60
ataggtgtgg tctctgcaag caattttatc tgggaattgaa gaccactggt gttctgggac	120
aaaggttttg aaacagacag gggccaaat tctggctcta ccacttattg aggtgtataa	180
atgtgaggaa gttactaaat gctctgaact tcagtctctc ctggaaaatg ggataattat	240
gtctagcttg tgtggctatt gttaggatga aatgagatac aagtatgtag agtacctagc	300

&lt;210&gt; 1103

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1103

aattccgttg ctgtcgttg tttgcaatag ctatcttccc actctcactt gaaccactc	60
caaccaggcc tccccatctc catgaacctg atcttgctcag agtcacaagg acctccacga	120
tctccacatt gctaaccaaa tggatcaatgt tcagtcttca tcttattcag ctcacagca	180
gtccataact tctcttctc tgatgcatat tcttcaccta gcttccaaaa cctatacttc	240
tcctggcttt tctctgcctt accagtaatg ccttactggc ctggttgctg gctccttctc	300

&lt;210&gt; 1104

&lt;211&gt; 282

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(282)  
 <223> n = A,T,C or G

<400> 1104  
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 attattagag atagggatgg gtcagggctn agntanntgn cngncttntt gtggntgggt 180  
 ggnncttga ncnatctna gngctgtntg tgnnngtacn nnntnggtgg ttaatntatc 240  
 catgctgcna nggctgtcan ggantngnta agcgaatttc ta 282

<210> 1105  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1105  
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 ctccaagtcc cacagggcaa tactggcagg cccaggaaag tggtacacac tgcagggttg 120  
 catgacggct aaggaaccac aatcttaggg agatactatc tctgtcttct aaggccattt 180  
 gctgtacaaa aatccttgaa atacctgggc acagtggcac acctataatc ctagcacttt 240  
 gggaggctga ggcaggcgga tcacctgagg ttgggagttc cagaccagcc tgaccaacat 300

<210> 1106  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1106  
 cctaacttcg aaaccgcta cttgttcttt ttgcaggatc ccacgactg ggagcccgcc 60  
 tcaactcccg aggcctctgc ctgcggctga cctgatcccc aagggaactgt cctttcctct 120  
 cctacccac cccactccca gacagagcag aagtattttt ataagcagag aattttttat 180  
 gtcttaccag atagagttgc agggaagggg gggcctgctg gggagtgggg ttgggggggc 240  
 cctctcccag gacactgcct cttctgggca gaaggccct ccagggggac tgctccaaca 300

<210> 1107  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1107  
 aattccggtg ctgtcggtcg attcatatct gtaggattaa taaatgggtc tgttatatcc 60  
 gttttactga tggtgaaatg aaggaccaga gagagtaagt ggcctttcca aggcttcaca 120  
 gcaagcttgt ggaagaaacc accaagaaac cagctcttga gacttcagc atttgttcca 180  
 gttcctctgc aagggaacc cccattccct gctctctctt tttccctcc tcacaggcag 240  
 caggtatgtg cacagacagg cctggagctg ggctagggtg ggagtccct gtgaggctcc 300

<210> 1108  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1108  
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ttctcttttc	ctctctctct	cctcctctct	tatttcccct	ctccttatcc	ccttgtctcc	180
ctctctctgt	ctttctctac	ttcctctttc	tctttttttg	atatatttct	atcatatatt	240
ttcagaaata	attcagtggc	atctcatgta	gatgtaccac	tttcttattg	caactcagag	300

&lt;210&gt; 1109

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1109

aattccgttg	ctgtcgcaac	ccttactcct	cgggccaaag	agccaatgtg	agcattcagc	60
tggcagctaa	gaatgtgtat	cccaataaac	agggcagacc	tacagaccca	ctggacccac	120
tagagatgga	cttgggccac	agtgccttcc	atgacttcag	taaacagagg	ggtgtggtga	180
tcttgtcaaa	gtcctggcgt	caatgtcagt	gtccggctac	acaccatgtt	cccgtcctcg	240
aaaagcctct	ctgtaccctt	ctatgttggt	gacacaaccc	tggcaaatgg	ccacagatcc	300

&lt;210&gt; 1110

&lt;211&gt; 292

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1110

aattccgttg	ctgtcgggca	gaagctgtgt	cctcagtact	ccgtgatgac	gagtgagcct	60
ctgtgaaatg	gacaggtggg	aaaacagcta	cctgctggcc	tgcccaggca	cccgccacgg	120
gccacgctg	ctcagcttct	caatgtgaga	ctgtccacac	ctgcgaggtg	tgctaaagggt	180
gcagggttagg	tggactgacc	ccaggacctc	cctgaccccc	aaccaggcca	gcggaagcct	240
gccacctcct	atgtgcggac	cacaccacgc	attggcctag	ggggcggtat	gt	292

&lt;210&gt; 1111

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1111

aattccgttg	ctgtcgctaa	tttgtggtac	gatattgctt	attgtgactt	tggcatgtat	60
ttttgctagc	aaaatgctgt	aagatttata	ccattgatct	tttttgctat	atttgtatac	120
agtacagtaa	gcacaattgg	cactgtacat	ctaaaaatat	tacagtagaa	tctgagtgtg	180
atatgtgtaa	ccaaaatgag	aaagaataca	agaaatgttt	ctggagctag	ttatgtctca	240
caattttgtg	gaatcttaca	gcattcttga	taaacttctc	agtgaaaatg	ttggcttaggc	300

&lt;210&gt; 1112

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1112

aattccgttg	ctgtcgctaca	aaaaaaatth	taattagctg	ggtgtggtgg	cacatgccta	60
tggccccagc	tacttgggag	gctgaggtgg	gaggatcact	ggagcccga	agttcaagcc	120
cacagtgatc	catgattgca	ccactgccct	ccaggcctgg	gcaacagagt	gagaccctgt	180
ctctaaaaaa	gaagaaatga	ttgaaatcat	atttttcagg	ctggacttcc	aataaagtag	240
cccttaaaag	gatcattctt	aaaatattag	ccatatacaa	tggtcataat	aaatgtatgt	300

&lt;210&gt; 1113

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1113

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aattccggtg ctgtcgcata tcagtaaaga agtaaacaag aataaaatac atgctaaaat      60
gtcatacact ctttttggtc taacattttg atttggcaga gccaatatcc acctatacta      120
caactttctt atgccagcac aagaatgcta tattcaaaat gctttccatg tattaccttc      180
ttttatcctc agatatcctt ggcagatagt agggcagata ttaccctcat cttattgaag      240
aatattcttg gtataaggaa gtcaaataac ttgtcaacag ttacaagggt atgaggtaaa      300

```

&lt;210&gt; 1114

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1114

```

accattgaat acccgctact tgttcttttt gcaggatccc atcgatctga aagcgggcag      60
cactgtcatt catagccaaa cagtcctatt gagaggtcct ggactatcag gccagctgtc      120
agaccactcc atgcactggg tgtgctctgt tggtcaggga ctggggaggga aactacctct      180
ccttccctta accaagcatg aattatgttt gttagcaaac ctctctggga atatatgtca      240
agccacattc ctctctgggc agctgcaact tcaggggcttc acaataaaca gttctgaaaa      300

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&lt;210&gt; 1115

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1115

```

ggcacacatg gccacccatg cagggccaca caaagaagca ccgggggttg tcaggaggcc      60
gagggaaact ttattgtcga ttccaagaga aagaatgggt gagagagagt agtatgaata      120
agtgtagtgg gatctgggag ggaggagctg tccctaatta tctggtgtct gcccggggat      180
tggttaagtc aggggacagg gaccaggaca tgagagcctg aaggacctgg ttgggggtgtg      240
agcttttaggt gcgttgcttt gcatacgaaa ggtacctgga agatgagttg tttgtcctct      300

```

&lt;210&gt; 1116

&lt;211&gt; 291

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(291)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1116

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catgccgatg ctgtccatgg gtgccaagca agccagtttt ttggttccct gagggaaact      60
gacctcctc tcttgtggca ccatccagcc tcagggtcct ggagacttga gtaagaatgt      120
gagtggaggg ggagngnatn tcttaagggg gnggacccca annccctgag gaacatgcnc      180
ttngnnaaga agncaanann nagggccttn anangangca tgcnanantg ccnagggtcat      240
gantgcnant gccgangtat gangnacntt ntnanacnnt gnnaggaggc a                291

```

&lt;210&gt; 1117

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1117

```

actctagaat acaagctact tgttcttttt gcaggatccc atcgacagat cctggtaccc      60
cctgcccgcg ccgatataat gctttttcgc cccctggga cctcggactt gggcttcct      120

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```

ttggacatga ccaacggggc agccttggca gccaacagca atggcatcgc cggcagcatg      180
cagccagagg aggaggcagc tcgggcggct ggtgcagcca ttgcaggcca agcctctttg      240
cctgtgttac ctgggggtga ccgcttggcc atggtggctg gaccctatcc ccccaactgc      300

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<210> 1118

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1118

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aattccgttg ctgtcgttca ttgcaccaa gcaatacctc tatgtggctg acctggcacg      60
gaaggacaag cgtgttctgc ggaaaaagta ccagatctac ttctggaaca ttgccaccat      120
tgctgtcttc tatgcccttc ctgtggtgca gctggtgata acctaccaga cgggtggtgaa      180
tgtcacaggg aatcaggaca tctgtacta caacttcttc tgcgccacc cactgggcaa      240
tctcagcgcc ttcaacaaca tctcagcaa cctgggggtac atcctgctgg ggctgctttt      300

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<210> 1119

<211> 297

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(297)

<223> n = A,T,C or G

<400> 1119

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ggcttcagaa tttttgtgtg tctcctttta ggttttcatt ctctgtgttt ctcttactct      180
gttgcttttt tttttttttt ttgggggccc nnnttngngg nnaaggngga ncnaaanenc      240
ngggnnnaaa nnanncnnc nnnccaantt ncnggggaac ngggancnga attggcc      297

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<210> 1120

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1120

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aattccgttg ctgtcgcctt gaatatgtaa aaatacctat catatcagtg taatactatc      60
ttaacaatcc taaaaaccag gaaagaaaag caaaatacag ccaaataaat gtcaagaatt      120
cttggaagg ctgggtgcag tggctcctgc ctgtattctc agcattctgg gattacactt      180
gagtcagga gtttgagacc agcgtgggca acatggcaaa acctcatctc tacaaaagggt      240
acaagaaatt agcaggcatg gcggcgctg cctgtagtgc cagctatttg ggaggctgag      300

```

<210> 1121

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1121

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gtggttcttg aagaggacct ggacattgct gtggattttt tcagtttctt gagccaatcc      60
atccacctac tggaggagga tgacagcctg tactgcatct ctgacctgga tgaccagggg      120
tatgaacaca cggctgagga cccagcacta ctgtaccgtg tggagaccat gcctgggctg      180
ggctgggtgc tcaggagggtc cttgtacaag gaggagcttg agcccaagtg gcctacaccg      240
gaaaagctct gggattggga catgtggatg cggatgcctg aacaacgccg gggccgagag      300

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<210> 1122  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1122  
 aattccgttg ctgtcggcca ctgctgcacgg cctggggagg ttttatttct tgacaaagggt 60  
 atttgatact cgtgcagtc ctggagggtc tcaactggaga gacaacattt aggctgagat 120  
 ctgattaaca ggaggcagct gcagtgcaga ggtcaaaaagg gaggggtgttc caggcagaga 180  
 aaacagcctg tgcaaaggcc ctgaggcaga aacaaactct acttgagggtc agcctgggta 240  
 gaaagcccaa ctcaaatag aaagtattac atgataagggt ctgaggcagg ctggaccag 300

<210> 1123  
 <211> 283  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(283)  
 <223> n = A,T,C or G

<400> 1123  
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 gcttggcgct gtccttgcaa taatgagtgc attttcactc tatgagttca catggatttg 180  
 gctgcttaaa agtgtatgga tttcttacct gctgttgctc tcaccntgcg atgcnmntag 240  
 tccccncttt gccttctgcc ttgngtaaaa actccttgag gcc 283

<210> 1124  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 1124  
 gtgagagaat tgtggagacc aactaccaca tatcattgag cccagctctt gggagcattg 60  
 agatgtatag ctcagggtta cacagttcca aatcttgagg aggggctttt cagacagact 120  
 gtttgctttc tgctgagata aggaatgcat cactctgcca gagtatgact ttttacaatg 180  
 agacatatgc agctttattt aataatctgc atatgtctca ttgtaaaaga tgaanntgan 240  
 nnanacatgn aacaaacann gaaaanatnn gnnnnncngtn aaangttaac ggaccatgca 300

<210> 1125  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G



<400> 1125  
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aatagttttg tgtatcatte aacttttttt cttgcagcac cgaggcacat ttgaaaagat 180  
ggaacngaag tcnnngtggt taccgctggg ngaatataa nagcantttc agctgtgcgg 240  
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<210> 1126  
<211> 300  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(300)  
<223> n = A,T,C or G

<400> 1126  
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acgggcatat nggncaaaag natacgtttt aacgattttt aangatcaaa atgtggcacn 120  
gctggtaent tttatcttgc tgactgcncn catattntn naggannctt nctgtncnaa 180  
gnatgacttn accggctctn taactangat atacttcngg gggganaaaag ctgtgatact 240  
atagctaata aatnccact anangacac tgaagattta aacacaagca ttcataagat 300

<210> 1127  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1127  
aattccggtg ctgtcgagcc caggtcccag cggaatgggc ctctctgttc agtaggatcc 60  
ccctcctgct gagtgggtca tggcatgttt ctgttcaacg cttttccatc tgtaggatcc 120  
ttattctgta tttatttggt tttttgggtt tttttatttt ttgagatgga gtctcgctct 180  
gtcggccagg ctggagtga gtggcacgac ccagctcgc tgcagcctct gcctcccagg 240  
acgagggaga tctcccacc tcagccttcc acgtagctgg gactacagga atgcaccaca 300

<210> 1128  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1128  
gccctgtttg cctataagat gtcacgggtg cagatgatgt ttgggggtcaa tttcttctcc 60  
tgctctttca cagtgggctc actgctagaa cagggggccc tactggaggg aaccgccttc 120  
atggggcgac acagtgaagt tgcgtcccat gccctgctac tctccatctg ctccgcatgt 180  
ggccagctct tcatctttta caccattggg cagtttgggg ctgccgtctt caccatcatc 240  
atgaccctcc gccaggcctt tgccatcctt ctttctctgc ttctctatgg ccacactgtc 300

<210> 1129  
<211> 261  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(261)

<223> n = A,T,C or G

<400> 1129

aattccggtg ctgtcgatga aattcagtat aaaattgaat agaagtaatg ttaatggata	60
atcttgtctt attcctgggc tcagagagga agttttttaa tattaatat gacatacatt	120
gtttgattgg gactantcag caaaatcctt tatcagattt attaagctcc ctttgtttnt	180
taatttatta tgttcnttnn atttntgant ntgnatngan tttatcnan atattctgtt	240
aatnannngt tntttncnnn a	261

<210> 1130

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1130

aattccggtg ctgtcgagaa atggaagaac gtgaaaaaag aaagataatt gctgaagaaa	60
agcacaagga atgggttcag aaaaagaatg agcaaaaaag aaaagaaaga gaacaaaaaa	120
ttaataaaga aatggaggaa aaagcagcaa aggaactgga gaaagaatac ttgcaagaaa	180
aagcaaaaga aaaatatcaa gaatgggttaa agaaaaaaa tgctgaagaa tgtgagagga	240
agaagaaaga aaaggaaaaa gaaaaacaac agcaagctga aatacaggag aaaaaggaaa	300

<210> 1131

<211> 256

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(256)

<223> n = A,T,C or G

<400> 1131

aattccggtg ctgtcgagct gcaccatcac tgcgtatccc tgtgactcct accaggatta	60
taggaatggc aagtgtgtca gctgcgggac gtcacaaaaa gagtcctgtc ccgnttctgg	120
ncattatga tncagttggn aagncngttc agccnaagt gcctaataag nnnngcnancn	180
cncattaaat gcnttgctgt nntgcncag cttagcaagc ngntaacntg acntgcccnc	240
tgatnaatg aancng	256

<210> 1132

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1132

aattccggtg ctgtcgacac attcgggctt tagaaaagga ggaagaagaa gaaaaacaga	60
agagtttgct gagagaaagg agacgacagc gaaaaaatag ggaatctttc cagatatttt	120
tagatgaatt acatgaacat ggacaactgc attctatgtc atcttgatg gaattgtatc	180
caactattag ttctgatatt agattcacta atatgcttgg tcagcctgga tcaactgcac	240
ttgatctttt caagttttat gttgaggatc ttaaagcacg ttatcatgac gagaagaaga	300

<210> 1133

<211> 265

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1) ... (265)  
 <223> n = A,T,C or G

<400> 1133  
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 cagtttagat ggtaataccc aagtccttta aaatatattg aangcccaan aaggatggaa 120  
 tncanataat nctcanatag tgaananaan cagtnnannn nntncnntan tataatntnt 180  
 gnnattcttt ntngcaacnn nttnctcttt tncntnnata gnaaantnnc tatangnttt 240  
 nngttnntna tannnnntaa tnatt 265

<210> 1134  
 <211> 293  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (293)  
 <223> n = A,T,C or G

<400> 1134  
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 ctgggatgct gtccagctac tacaacacca cctccgtgct gctgtgctg ggcattcacgg 180  
 ccttgctgct ctcatgcacc gtttcagctt cagaccaagt tcgacttcac ctccgtgccag 240  
 ggcgggcttt tcgggttttt natgnatttt ttcttttng gaattnatct ggc 293

<210> 1135  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (300)  
 <223> n = A,T,C or G

<400> 1135  
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 gtcgctagcc acatcaccaa ataagtgaac aaacaacagc gacaaatcct ggagtagaga 120  
 gtatcgttat ccagagctgc agcagtgtag tacctaaaat gttcagtgc gtaaaaatga 180  
 gacatgcaaa gaaataggaa catgtgatc atacacagga aaaaagacta gaaattacct 240  
 tgataaggac cagatgttga tcttagtgaa caatgacttc aaagcagcta ttataagtat 300

<210> 1136  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1136  
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 ggattaaacc aggtctgaaa ctgtctccta ttccaacctc aatcccaaatt tcatgtgctt 120  
 ttctttttta ttgttttatt ttgatgattt ttgttttggt ttaattctgg agaattgtaga 180  
 tcttgctcaa gcacctctta cgttggcatt attcagacat acttggcaaa cataacatta 240  
 ctaagatatt tctttgtggc ttttgcttaa aacttataaa gtttagaaaa aagctaaatg 300

<210> 1137  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1137  
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 ccggttaact tgggttcttg aattcccttc ctctcttctt tcctcctccc ctacactcca 180  
 ttagagaaag ggtcttgctt tgttgcccaa gctggagtgc ggtgggtgtt cacaggcatg 240  
 atgatcactg cagcctgggc tccagtgtgc cgcatactc agcctgccag tagcaatttg 300

<210> 1138  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1138  
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 gctgcatcat cacatggcag aaggcatcat atagcaagag agcaggcagg agatggatgg 120  
 caatgggggc caaacgcgt tttataacaa acccactccc ttcataaagg acagtccatt 180  
 tatgagggca gagcccccat gacctaaaca tctccatttg ggcccatctc ccatcactgt 240  
 tgcattggag attaagtttc caatacatga attttgggtg acacactcaa atgatagtat 300

<210> 1139  
 <211> 293  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)... (293)  
 <223> n = A,T,C or G

<400> 1139  
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 caaaagaagg gngaannгаа tgancgag agaaanaaag cnagatgaag aanaagcgaa 120  
 nctgnggaag ctgaaanaac tnagacgagt tagaancngg tnanaaggat cagagtaaac 180  
 naaaggaaat tcaaaggaaa tttgaagann aaactgtnta atccanagt actgttgata 240  
 ctggagtaat tctgcctct gaananaaag cnnanactcc cacagntgca caa 293

<210> 1140  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1140  
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 tagagaagga tgctcagaac agattggcac ccattgggag ggcgcaactg ctgcatctcc 120  
 aggaagatct catctcctct gctgtggcag agttgaatta tgggctctgt ctaatgacac 180  
 gggaagctcg aaatggagaa ggtgaacctt atgacccaga tgtgctctac tatattttcc 240  
 tgtgtattca aaagtatctt tttgaaaatg gaagggtaga tgacattttc tccgatcttt 300

<210> 1141  
 <211> 291  
 <212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(291)

<223> n = A,T,C or G

<400> 1141

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caggagaatc	gcttgaaccc	aggaggcaga	ggttgtggtg	agcggaaatc	atgccattgc	120
actccagcct	gggtgacaga	gcaagattct	gtctcaaaat	aaatacatac	atacatacat	180
acatacattc	atacatacat	acaactttgt	tttttctttt	ctttcttttt	ttttttttna	240
anggnaaang	caccaccant	naaaaaacn	ttaccgaaan	ggnaaaaaaa	a	291

<210> 1142

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1142

aattccggtg	ctgtcgggca	gtggtttctt	agatgttgac	acaaaaagca	cacgtggcaa	60
aagaaaaagc	aaagtcaaca	ccatcaaaga	tgaaagtgtt	cgtgcttcag	ggaacactat	120
caagaaaagt	aaaagacaac	ccaagaatgg	gatagtattt	tgcaaatcac	atatctgtta	180
agaatcttgt	atctattcta	gctataggac	tcttacaact	taataaaaga	gaaaacccac	240
ctgggtgcac	tggctcacgc	ctgtaatccc	agcactttgg	gaggccaggc	ggacggatca	300

<210> 1143

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1143

aattccggtg	ctgtcggcac	cttcgtgtcc	cactactoga	gccacctgaa	gcggcacatg	60
cagacacaca	gcgagagaa	gccgttccgc	tgtggccgct	gcccctacgc	ctcagcccag	120
ctcgtcaacc	tgacacgaca	taccgcgacc	cacactggcg	agaagcccta	ccgctgtccc	180
cactgcccct	ttgcctgcag	cagcctgggc	aacctgaggc	ggcatcagcg	taccacgcga	240
gggcccccca	ctcctcccac	tactcgagcc	acctgaagcg	gcacatgcag	acacacagcg	300

<210> 1144

<211> 290

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(290)

<223> n = A,T,C or G

<400> 1144

aattccggtg	ctgtcgccag	tgagtacctg	caaaaatgag	ttgtcacaga	aattatgata	60
ctctattttc	tgaacctgga	aatgatgttg	gtccaaagtg	cgtgtgtgta	tgtgtgagtg	120
gggtcgtggn	atacatgtgt	acntatatgn	ataanacnna	tnnacnntan	atctaactna	180
tnancncnnc	ctnctnctc	cccttcncac	gnacngccnt	ntnnnnccctc	agnatccnnc	240
tcagccctncn	ccntnatgca	tencatgccc	gtcagttnt	tnccctccctc		290

<210> 1145

<211> 296  
 <212> DNA  
 <213> Homo sapiens

<400> 1145  
 aattccgttg ctgtcgattg atagaactac ttgaaaaaca attcagtggt cttatTTTTg 60  
 ggtgattttt caaaaaatgt agaattcatt ttgtagtaaa gtagtttatt ttttttaatt 120  
 tcaagtgatg taatttaaaa cctaagttgt gtttcaaaac agcaccaaaa ctgtattgta 180  
 ttttttttgc tgttaattaac tgtataatgt aaacctaat attttatcat ggttttaaatt 240  
 ttttgcatat ttgcttaate ttatgctgct gattcttcta actgaatttg cagatt 296

<210> 1146  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1146  
 aattccgttg ctgtcggtga aagtgtacta aaggaggtat accaagcctt taatcccaaa 60  
 gcagtggtct tacagctggg agctgacaca atagctgggg atcccatgtg ctctttaac 120  
 atgactccag tgggaatttg caagtgtctt aagtacatcc ttcaatggca gttggcaaca 180  
 ctcatttttg gaggaggagg ctataacctt gccaacacgg ctcgatgctg gacatacttg 240  
 accgggggtca tcctagggaa aacactatcc tctgagatcc cagatcatga gtttttcaca 300

<210> 1147  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1147  
 aattccgttg ctgtcgggga agttaagact tataatcacc catagctttc aaacagaaca 60  
 cacatagcat ctccaccttc attaccacca tcaccaccac caccacctcc atctccacct 120  
 gcaacccag cactaccacc atgaccacca ccaccatcac tgccatcacc atcattacca 180  
 tcacctccac ctctaccttc aacatcacca tcacaatgac caccaccatc accaccagaa 240  
 acactgaata aaataatgaa agtgcagcct taggctgggc acggtggctc acacctgtaa 300

<210> 1148  
 <211> 285  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(285)  
 <223> n = A,T,C or G

<400> 1148  
 aattccgttg ctgtcgatgt tggggctggc aaaacgagtc ggtgcccgtc tgctcctggc 60  
 ctccacatcg gaggtgtatg gagatcctga agtccaccct caaagtgagg attactgggg 120  
 ccacngaat ccaataggac ctnggtcctg ctacgatgaa ggcaaactg ttttanannc 180  
 catgtgctat nctncttga antttanngc gttnatttnc tannnttttn ttanntttna 240  
 nntnnnnnatn ncanntnnac tnatnnntgn agnatntgct tttat 285

<210> 1149  
 <211> 280  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(280)  
 <223> n = A,T,C or G

<400> 1149  
 cgccgcgagc aatttttcca gtcaaaagca tattcgaggg actaaaagga catcaagagg 60  
 gatacttcag tcaaatgata atcagctatg aaaaaatacc ttcttacaga aaaggtaaat 120  
 ctcttactcc acatcaaaga attcataata cagagaaatc ctatgtttgt aaggaatgtg 180  
 ggaaggcttg cagtcatggc tcaaaacttg ttcaacatga gagaactcat acagctgaaa 240  
 aacactttga atgtaaagaa tgtgggaaga nttatttaag 280

<210> 1150  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1150  
 aattccgttg ctgtcgcaag ttttcacaag aggccgggca tgggtggctca cgctgtaac 60  
 cccagcactt tggctattgt ttttttgttt ttttaatttc ttgtagatac gaggttttgc 120  
 tgtgttgccc aggctagtct cgaactaact cttggcctca agtgatcctc ctgcctcggg 180  
 ctctgaagt gctggatata cagtcgtgag ccactgtacc tggccagaac tcctcttcta 240  
 gggggaagtc aaccacaatg taggaagtca gattgtccca agtccactat gctgtaagga 300

<210> 1151  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1151  
 aattccgttg ctgtcggcag gggcctcccc ggtcgcccca gcaggcccag gcacataggt 60  
 gccagagat cctggcttc tgatcgcccg gaagactaag agctttagt ttggtccaga 120  
 aagcatttcc aaggagctgg tcaagcatgg ctttagcaga taagagactt gagaacttac 180  
 agatctacaa agttcttcaa tgtgtgcgga acaaagacaa gaagcagata gagaagctga 240  
 ccaagcttgg ataccctgaa ctaatcaatt atacagaacc cattaatggg cttagtgtt 300

<210> 1152  
 <211> 272  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(272)  
 <223> n = A,T,C or G

<400> 1152  
 aattccgttg ctgtcgagga tgtggaatga ggctgagaag caactgcaga acagcttgat 60  
 ggacttttga gaaccgtgga aaatgaaccc aggagatgga gcattttatg gccctaaaat 120  
 tgacataaaa atcaaggatg ctattggcag ataccatcaa tgtgctacaa ttcagctgga 180  
 cttccaactg cctattagat ttaatctcac atatgttagt aaggatgggg atgataagaa 240  
 gagacctgtg atnattcntt canctcattt tt 272

<210> 1153  
 <211> 262  
 <212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(262)

<223> n = A,T,C or G

<400> 1153

aattccgttg	ctgtcggctc	cgaggaggaa	gaagctaact	attggaaaga	tctggcgatg	60
acctacaaac	agagggcaga	aaatacgcaa	gaggaactcc	gagaattcca	ggaggggaagc	120
cgagaatatg	aagctgaatt	ggagacgcag	ctgcaacaaa	ttgaaaccag	gaacagagac	180
ctcctgtccg	aaaataaccg	ccttcgcatg	gagctggaaa	ccatcaagga	gaagntngaa	240
gagcannctc	tgaaggntac	cg				262

<210> 1154

<211> 272

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(272)

<223> n = A,T,C or G

<400> 1154

aattccgttg	ctgtcggaaa	ggttatcaag	acacagaact	tggcagctct	ccttcattgcg	60
attgccagac	gtccaaaggg	gcagcaacta	gcatgggatt	ttgtaagaga	aaattggacc	120
catcttctga	aaaaatttga	cttgggctca	tatgacataa	ggatgatcat	ctctggcaca	180
acagctcact	tttcttcna	ggataanttg	cngangnta	tctatttttt	tgaaacntct	240
tgaggctcnn	ngntnntaat	ntnnatattt	tt			272

<210> 1155

<211> 288

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(288)

<223> n = A,T,C or G

<400> 1155

gctgcaataa	acaagttaac	aacaacaatt	gcattcattt	tatgtttcag	gttcaggggg	60
aggtgtggga	ggttaacccc	nnccccccnc	nancgcctt	nccnncncc	cnaccctacc	120
acnccntccn	cctcctcccc	ttctcgnncn	nnccccctc	ctccnntatt	ccccnccnncn	180
tccttnncc	caatcnccg	nacttgnenc	ncngccnccn	nnnctectcn	tcnncnncn	240
ntcatctcnt	cacccccctn	cctctnccnct	aaccncccc	tctccaat		288

<210> 1156

<211> 292

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(292)



<223> n = A,T,C or G

<400> 1156

aattccggtg	ctgtcgtgcc	tccaagatgg	tgagtcttct	tgctgggtga	gggtgggggt	60
tcggtgcan	antatnatan	agtgaccnta	tnatacnntg	angacnnccn	agagactctc	120
acnncancan	cagttccagg	cnttcaaacc	gaanacaatc	cannaaaagn	ggaacatacn	180
gaanaacntt	ctantataac	nnaactantn	actactnata	gaaaatattc	ntgactaggt	240
ccnccanatc	cttctnactt	ccnatanaaa	nagagagntc	ttaaccttta	aa	292

<210> 1157

<211> 262

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (262)

<223> n = A,T,C or G

<400> 1157

aattccggtg	ctgtcgggcg	ctttcaactg	tactgctgca	gctttaagta	ccttaaagct	60
tctcctgtga	acttcttagg	gaaatgtag	gttcagaact	aaagtgtttt	gggtgggtcn	120
tatttctttn	aattntctat	nnatnncnct	ntnanannta	aanttaantt	annaatctnn	180
cngttnttan	ttanaaanatn	nantnttntn	atctccnngt	antatanntt	tnntnncata	240
tgtnnatann	ntaanntanc	ga				262

<210> 1158

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (300)

<223> n = A,T,C or G

<400> 1158

aattccggtg	ctgtcggtag	gattataaat	ggtttaaaat	acgtattctc	aaacctcatt	60
ttcagcatat	aaatttttaa	gaatcagtg	ttaaaggtag	gtgaaacat	ttgctagatt	120
tttgtcctag	ttttttttt	ttaattttaa	aannttannt	gttttttaga	nannttnnaa	180
tgncctgcc	tactggcna	aacgcnttca	gngnnggatc	nactgtttaa	gangatctcc	240
gggaanaagc	cctnanantt	tganagggac	tgnnntnggt	gttcnatnct	nccccagttt	300

<210> 1159

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1159

aattccggtg	ctgtcgca	cagcccctct	gcaaagggtg	ggaaacttgc	aaggaattta	60
aggaaatctc	tggtcagtca	ttagccagcc	actaaactaa	ctgagcagat	ccttcagtga	120
tcacacacaa	caaagaatac	agactttaca	gacttagtcc	tagaaaatca	ctacacaaac	180
agcaacaaca	atgcacctgg	gactaagggg	gaggagatga	gttccagagt	tggtatatta	240
tttaaagtgc	tagttttcaa	taaaaacaat	tataagacac	agagcaaaac	tagaaagtat	300

<210> 1160

<211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 1160  
 ctgggtgtag gggtctttgt ttttgggggt tggcagagat gtgtttaagt gctgtggcca 60  
 gaagcggggg gaggtgtggg aggtttaant cnnccacnac catattcnna acnnngtttn 120  
 anccnnttct tnnacnaa cctatatattg anccancct ntgnacnngn cntncttgan 180  
 tcacntnaca tgttanccct ncnaccncct aencatanca ntncnttanc ntnantcncc 240  
 nttacttnnt nccnccacc ctgnnncnna ctnnccacn ntteagncct tattctctcc 300

<210> 1161  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1161  
 aattccgttg ctgtcgataa aatgggaatc ttcttggtat tttatgtgta ttgtaagtag 60  
 cagtttaaatt atttttttaa aagcaatttc agttttaate actgaacaaa agaaacaggc 120  
 aacattcact tctgtagtat ggtttccacc tatctctaac accactatta aggtacacca 180  
 gtgttaaggt acattaataa ctacacaaaa ttttatTTaa agagaacact tagcagccta 240  
 tgatagtttt caataaaatg ttgcctctct ttcggattct cactaacttt tggtagtatt 300

<210> 1162  
 <211> 291  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(291)  
 <223> n = A,T,C or G

<400> 1162  
 aattccgttg ctgtcgaaga acttcatggg cttcaataat gtctagaaag taaaatgaaa 60  
 gaggaatggt accatcccca gctgccctta ttccagaga accagacggt tggntgnnna 120  
 gnggatnnan aancgctnnn cntancaggn tactcgatna aggcaaggta aatatngctn 180  
 cannagtgcc ctctncttc ncangagtc ctcnnatnag cacccttatg ntagggnntn 240  
 nnnntnnnaa cnttccngnt ngaccanann ttnaccnctg nggccgtag g 291

<210> 1163  
 <211> 284  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(284)  
 <223> n = A,T,C or G

<400> 1163

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aattccgttg ctgtcgggta gaccaccatt tacatatgca tctttaatta ggcaggccat      60
tctcgaatct ccagaaaagc agctaactact aaatgagatc tataactggg tcacacgaat      120
gtttgcttac ttccgacgca acgcggccac gtggaagaat gcagtgcgtc ataatcttag      180
tcttcacaag tgttttgtgc gagtagaaaa cgttaaaggg gcagtatgga cngtggnatga      240
agtagaattc naattaccan ggtnacanna gatctttggc aacc                        284

```

<210> 1164

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1164

```

aattccgttg ctgtcggcaa ctgtgacctg gagcgctttg ctcaggctctt ggagaaggaa      60
ctgcccctgt atgcgcgccc catcttcctg cgctcctgc ctgagctgca caaaacagga      120
acctacaagt tccagaagac agagctacgg aaggagggtt ttgaccggtc tattgtgaaa      180
gacccgctgt tctatctaga tgcccagaag ggccgctacg tcccgtgga ccaagaggcc      240
tacagccgca tccaggcagg cgaggagaag ctgtgattcc ccccatccct ctgagggtcg      300

```

<210> 1165

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (300)

<223> n = A,T,C or G

<400> 1165

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tataagctgc aataaacaag ttaacaacaa caattgcatt cattttatgt ttcagggtca      60
gggggaggtg tgggaggttt tacngacgct aaagaaaacc cntatggcaa gnatgactat      120
aanagnccat tccnctgca nnccaaaaac taacgcagnt atgccnagaa tngactgtc      180
tggnctnaac ccagcgnnct gcanacngat gtacngaaga ttttatgaaa tgcattngana      240
ctacctgaaa aatcacagac nttctataag gagctnaacn gtttncgana ggccgtctag      300

```

<210> 1166

<211> 294

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (294)

<223> n = A,T,C or G

<400> 1166

```

aattccgttg ctgtcgtacc ccagtaccag tgaggataca ttgggaatta cttggcaaag      60
tcttggtacc tgggctagct tggttccttt ccaagtgtca tatangacnc nnatnttacc      120
ggccanantc cnatantacg gntngantat nttgtgntgc nganccattt tcacaattac      180
tatgtnatnn antganaatg nttngatnaa aaantncata nctgnaanac atngaattntn      240
aattgggcca tcatntacga nttganctga antatttagg gnactttata aatt                        294

```

<210> 1167

<211> 260

<212> DNA

<213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(260)  
 <223> n = A,T,C or G

<400> 1167  
 aatccggttg tgcggaac gctgccagat catcatcttt cagggtgtct tcctgggcct 60  
 cctggctggc ctgggtgtcc tcttctacgn ctatcctgtg cgttgcnagn agttgtnnnt 120  
 tnnctnatgg cnggtattct gtntnttttn ntttttttn ntttnngnag ccnnntgatn 180  
 atgttttnt tngttntnt gnagnntnnn agttttggtg gggttntngt cngnttcnna 240  
 gntnnattct ntctantgnt 260

<210> 1168  
 <211> 293  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(293)  
 <223> n = A,T,C or G

<400> 1168  
 aattccggttg ctgctggaag aagttgaagc agaagtgaag gcagctgcag agatatcaat 60  
 gggaacagag gtttcagaag aagatatttg caatattctg catctttgca cccaggtgat 120  
 tgaaatctct gaatatcgaa cccagctcta tgaatatcta caaaatcgaa tgatggccat 180  
 tgcacccaat gttacagtca tgggtgggga attagttgga gcacggctta ttgtcatgc 240  
 aggctctctt ttaaatttgg ccaagcntgc agcttctacc gntcagattc ttg 293

<210> 1169  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1169  
 aattccggttg ctgctgattt aatatacaac ttggtttaga ataaatatct aacaaatgta 60  
 taattgaatg gcagagacac tgacacttca tttgataggt cattgtcctt gccaggttg 120  
 ggactgagaa aataatttga tagttgtgac aatgtgtgat acctatgaaa gaaccgagcc 180  
 tttaatatct tcatctttat gttacagcca ctgtgtcgaa ctcccagcag gcttaccagg 240  
 aagcatttga aattagtaag aaagaaatgc agcctacaca cccaattcgt cttggtcttg 300

<210> 1170  
 <211> 292  
 <212> DNA  
 <213> Homo sapiens

<400> 1170  
 aattccggttg ctgctgcca gggctcacta agccagaggg caaagtgcc cctcccgttc 60  
 acctaccacc caagtccctca tgccctccga gggctggggg aggaggggct caaggagg 120  
 ggggtccatg tacatatatta tcaccccttt cacatagccc caagaccttt tgtacatttt 180  
 tacagggggtg cccctcccaa cagttccctt cctggttaat taaacctca gactggtgct 240  
 tggttcctag cctctggcct ctctgtgggg aaaggggact gcaaggggaa ga 292

<210> 1171  
 <211> 263  
 <212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (263)

<223> n = A,T,C or G

<400> 1171

aattccgttg	ctgtcgggca	cagtagttta	ccctgttatc	tgtgtttcat	aatgggggct	60
gtatgaatat	tatttataac	taataaaatg	ttgccagaat	tatactaaac	tgttggaatga	120
gattaggaga	tcagaggctg	gaccttctct	tgataatgct	tgttttggtta	cagntattan	180
gaaatnnttt	gtatgtgatt	nntttntnn	tcngnatngt	tnatgtnnag	atnggtnana	240
nnncttttt	nantngctga	att				263

<210> 1172

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1172

aattccgttg	ctgtcgtctt	ttctggtgac	tctctggatt	ttgaaaaaca	gactctcttc	60
cctcaatagt	gaagtgtcca	ccctccggaa	cacaaggatg	ctggcattta	aagcgacagc	120
tcagctgttc	atcctgggct	gcacgtgggtg	tctgggcatc	ttgcagggtg	gtccggctgc	180
ccgggtcatg	gcctacctct	tcaccatcat	caacagcctg	caggggtgtct	tcactcttct	240
ggtgtactgc	ctcctcagcc	agcaggtccg	ggagcaatat	gggaaatggt	ccaaagggat	300

<210> 1173

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1173

tagatcaagc	tacttgttct	ttttgcagga	tcccatcgag	ccggcgcgag	tgtgcgtgtg	60
tgtgcgtgtg	tgtgtgcgag	cgcggtggag	gggggggacc	aactgcttca	cactttcaac	120
actgcactga	agagggagag	cgagagagag	actggagacg	cacagatccc	cccaaggctct	180
cccaagccta	ccgtcccaca	gattattgta	cagagcccca	aaaatcgaaa	cagaggaaac	240
gaacagcagt	tgaacatgga	cgaaggaatt	cctcatttgc	aagagagaca	gttactggaa	300

<210> 1174

<211> 299

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (299)

<223> n = A,T,C or G

<400> 1174

aattccgttg	ctgtcgttgc	acccaaggct	gagcctgcc	tcacccctgc	cacccggaac	60
gagcccatcg	ggctgaaggc	ctccgacttc	ctgcccgcng	nganaatncn	ccnnnnngcn	120
natctggcnt	acaangatga	natngacgtg	atagggtgnta	ncannaacan	cataganana	180
aactgnntnt	ntgtangnng	anngtnttac	ntnatccgnt	ncatnnaann	tngaaticnn	240
atcnnctccn	annaggaacc	gtcttgagaa	gatngcatga	nncgaatcct	actcttcga	299

<210> 1175

<211> 294  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(294)  
 <223> n = A,T,C or G

<400> 1175

aattccgttg	ctgtcggccg	cgaggcggca	atgccggctt	ggggcttga	gcaacgccc	60
cacgtggcag	ggaaacctcg	tctctataaa	aaaaagaata	caaaaattag	ttgggcatgg	120
tagtgagcgc	ctgtgaggct	gcttgtgagg	ctgaggtggg	aggatccctt	tagtccagga	180
gttcaaggct	gcagtgcgct	gtataatgcc	actgcagtcc	agcctgngtg	acagttanac	240
cctgtctnctn	natctanatt	ttntgnaaag	nanacnttaa	ggntangatg	aaat	294

<210> 1176  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1176

gagcattcca	tcgtcttcat	tagctcttct	atcctctgtc	ctgtcctcta	gcaagacacg	60
ctggatgcag	atatccacat	agagacggag	gatcatggca	tgtataagta	catgtcttcc	120
cagcacctct	tcaagctgtt	ggactgtttg	caggaatccc	attcattctc	aaaggccttc	180
aactccaatt	acgagcagcg	gactgtcctg	tggcgagcag	gtaaggccac	acagcagata	240
agatagatgg	ccacactggg	caccttccta	aaacattaaa	gtgcttgga	aatgccc	300

<210> 1177  
 <211> 282  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(282)  
 <223> n = A,T,C or G

<400> 1177

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aacaggcaaa	ggaaaactaa	cgcacaaaaa	tgacattctg	aagatgcagg	tttcagccag	120
gcgcggctga	gagaanatan	aaacgggtcaa	ttaccnaca	tatnctgagg	ctgagaaata	180
gtgctnagat	ggaaganatg	aactnctnag	ctctgggtcga	ccatnctnan	ttctnacct	240
tnnnnncnna	ctgtanatga	anagggtttt	nttcttctgt	at		282

<210> 1178  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1178

aattccgttg	ctgtcgtcct	cttctctggc	cagaagatct	tcaatgacaa	cagcctcagt	60
atggaggcct	tcagcaccg	ttctgtgtcc	tggtcgcagt	tcaacaagg	cattctcctg	120
ccctttggac	ctcccacccc	caagctcttc	atccctgggg	cactcagggc	ctgctcagcc	180
tccatgcagg	gaccttcac	tggattctcc	acagtgcctc	ctcaggtcct	ttaggaaggc	240
ctgtcatgga	ccaggaggga	aaaaccccag	gcctgggggt	tggctctgga	gatgcgttct	300

<210> 1179  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1179  
 atgcccccg ggccctggcc cagaccgccc cccccgggtcc gggcaggaag gagctgaaga 60  
 tcgtgatcgt gggcgacggc ggctgcggca agacctcgct gctcatggtg tacagccagg 120  
 gctccttccc cgagcactac gcccacatcg tggtcgagaa gtacacggcc agcgtgaccg 180  
 ttggcagcaa ggaggtgacc ctgaacctct acgacacggc cgggcaagaa gactatgacc 240  
 ggctgcggcc cctgtcctac cagaacaccc acctcggtgct catctgctat gacgtcatga 300

<210> 1180  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1180  
 aattccgttg ctgtcggcta agacaatctc agcttttctt agacaatctt ctatctcaaa 60  
 cttcagacat tccagaattg tcatgatgtt tacactgtct gagttaaaaa tcctgttcaa 120  
 gaaaaaaaa agattttgta tcactttctta aaaaggaata ttcatagcac ttgtcacaaa 180  
 tagaaggcaa ccatgagata atacaagcca gggagaggct tgtattacat gacagggtgta 240  
 attagtctgc tgagccagct ttacccaatg aagggcatat gtgtagaga gattagctaa 300

<210> 1181  
 <211> 263  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(263)  
 <223> n = A,T,C or G

<400> 1181  
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 ggaggggaatg aatgggagct gggaacacgc ccgcgaggtg gggacgcgcc ggccgtatcn 120  
 aggncttag nnnagaaacg gccnacngc atctnnttca tgcncntnn naacntnact 180  
 nntagnnnac tttnnncgt gacttnncct tantgtaaaa tannttnnc nngacncagc 240  
 cganttcac canntcttnn ngg 263

<210> 1182  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1182  
 aattccgttg ctgtcggttg aagcctgggc aggtggtgta caagtgcgcc aaatgctgca 60  
 gcatcaagcc cgaccgagcc caccactgca gtgtttgtaa gcggtgcatt cggaagatgg 120  
 accaccactg tccttgggtc aacaactgtg taggcgagaa caaccagaag tacttcgtcc 180  
 tgtttacaat gtacatagct ctcatcttct tgcacgccct catcatggtg ggattccact 240  
 tcctgcattg ctttgaagaa gattggacaa agtgcagctc cttctctcca cccaccacag 300

<210> 1183  
 <211> 300  
 <212> DNA

<213> Homo sapiens

<400> 1183

aattccggtg	ctgtcgaaga	gacagctata	tttgtttcaa	tgtgtacctc	tccttctaaa	60
ctcagttcct	aagcatatag	tatctttata	gctatacacc	tagtgtctat	cagaccctaa	120
actatggtag	gccctcaata	cattttattg	ttataggtag	atagataggc	atgagtaggg	180
caggagaggg	ctctccctcc	accactaga	aatgtcaagt	gatgttttaa	aaattgtcac	240
actgcctctc	agaaaatgat	aattcagcaa	ccggggagag	aatcttctga	tggtccacac	300

<210> 1184

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1184

aattccggtg	ctgtcgctt	tccaggctct	tccaactttg	ttaatttggt	ctactgcctg	60
ggagattcct	ttgactttat	ctttttacct	ttatattgaa	ggttttcagc	tgcatatttt	120
tttaatttctg	gtagtttttt	cttgtctatt	ccttaatttt	ttctttggag	acaggggttc	180
actctgtcac	ccagggttgt	gacagcctta	ctgcagcctc	aacctcctgg	gcccaagcaa	240
tcctcccact	tcagcctcct	gagtgggttg	gaccacaggt	gcataccacc	acacgtggct	300

<210> 1185

<211> 272

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(272)

<223> n = A,T,C or G

<400> 1185

aattccggtg	ctgtcgacaa	agtcgcagat	gcatacaaga	ctttttcaag	aaacacatac	60
agtacaaatt	cttagatgaa	gactttgtgt	tcgatataata	cagagacagt	agggggaagg	120
gggggaagnt	tcntgnnacn	tctttgntna	tectnnnnnn	ncatgattta	ctactttaan	180
gnngnnttgn	tggntantng	naccatgnnc	attncttnan	ngtcnngntt	ttcttantaan	240
ntcgnntntt	ncntnnactg	ncctaanaatn	nt			272

<210> 1186

<211> 288

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(288)

<223> n = A,T,C or G

<400> 1186

aattccgctg	ctgtcgccca	aactaaaacc	ttatctgtct	gcattttgaa	tgcattttgg	60
tcaaaagtat	acgtttttaa	gattttttaa	gataaaaatg	tggcncaacn	gggttttttt	120
gctnnctgat	ntangncect	atcnntaann	taatctttct	ctccnnancc	anantncacc	180
antatggtnn	aactannnn	naactnacan	tgaannntta	attngnnnn	ttcnnaaann	240
nttcnaatn	taaatnncta	nngnttncaa	ctngctcgnn	ngaaattc		288

<210> 1187



<211> 261  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(261)  
 <223> n = A,T,C or G

<400> 1187

aattccggtg	ctgtcggcctt	gggattcttt	tatctcctgt	ggtggataaa	tctgccttaa	60
atatcaatgt	aacttggggg	ctgggggctt	gttttgggtg	ccaancncat	ctctttangg	120
acagnntaaa	tgngattata	tctcangnac	agttggacct	tcagacctaa	cnntnaccat	180
tnnccttacc	tgtntaantc	tgaaatgtaa	tanganagat	aactgcnaga	tgccagctnt	240
cctaantntc	aaagcctttc	a				261

<210> 1188  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1188

aattccggtg	ctgtcgaaac	caaggacaca	gtcagcattt	aacaaaaagg	aatctgcatac	60
tcagtcagaa	ctgtattgca	tttgcttctc	tctggattac	cttgaagtta	ctcccccttc	120
ccaagcagt	aaacgatgga	ccaaaggggt	aaatctcttt	gaacaagaaa	ttattctggt	180
gcctattcat	cggaaggtag	attggagcct	ggtgggtgatt	gacctaaaga	aaaagtgtct	240
taaatatctg	gattctatgg	gacaaaagg	ccacaggatc	tgtgagattc	tccttcagta	300

<210> 1189  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1189

aattccggtg	ctgtcgcgaa	tggtagcccc	ctggacggaa	gcgcccagaa	ggtgccgagt	60
cccgatcccc	agcccagcac	tcgcggcatc	ttcggccttt	gccactatct	tggtttttat	120
gatttttaac	aaggagcgtg	aaagcttcag	ctgcgcctga	gcccacgtgg	gcagcgggac	180
ggcatagggg	tggcccccat	agaagccggg	ctgggggtgg	cctccgtagg	gttgtctggt	240
gtttccacgt	ggggtgctaa	gaagcaaggc	ctggctgggt	gcggtggctc	ccgcctgtga	300

<210> 1190  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1190

aattccggtg	ctgtcgggca	aggaaggatt	cttctgaagc	tttcggagga	agcatggccc	60
ggccaacacc	ttgatttctg	atttctaaac	tactcagccc	gcctgcaccc	aggtgaaata	120
aacagccttg	ttgctcacac	aaagcctggt	tggtggtctc	ttcacatgga	cacatgagac	180
acttggtgcc	gaagaccag	gtcagtgaga	ctccttcagg	agaccagtcc	cctgtcctca	240
ccctcactcc	gtgaggaaat	ccacctatga	ccttggggtcc	tcagaccaac	cagcccaagg	300

<210> 1191  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

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<400> 1191
aattccgttg ctgtcgtttt accagctaca taggataggg cctaacaaag acttactagc      60
acaaagcaag gaggtttcaa ggaagttagt ttataaaaaga aactattatt ttttaacact    120
tatgatattat tctttaacaa gaagggaac tttgaagagg aacttttact ttccacattg    180
aacaataaag taagaaaaag aaagggaac ttccccaggg ctgaaaggaa attttcaggt    240
catgccatta ttatcagaat taataagacc catgcatcgt ggaaaactga gaacaccacg    300

<210> 1192
<211> 260
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(260)
<223> n = A,T,C or G

<400> 1192
aattccgttg ctgtcgccgg agcgcacccg gccggaagcc gctgtcgggg agccggcggt      60
ggggctggac gcaggtgcaa ctgacatggg tgaacccag ggatccatgc ggattctagt    120
gacagggggc tctgggctgg taggcaaagc catccanaag gtggtntna atggagttgn    180
actttntgga taggatttnt ntgttagttn cnantnttac tntgntntaa tcttngnan    240
tnttnggann ttttttgttt                                     260

<210> 1193
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1193
aattccgttg ctgtcgatct caccctggga agatgtggtg cccctccag ggctctggag      60
gatggatgcc tccccaggg gctctccaag ctgggcattt gggcctgggt gatgccaacc    120
tggaataacct gtggcccagc attgactgtc caccagcct tgctgttagg caccatgact    180
ccaagatgaa gatgtggtcc ctgcccttga gtgacagccc agggacttaa tgtggccatc    240
gggcatcaag cacaaggcca tgcaggtgat gatacgtcgg aatagaggca ccagccctgg    300

<210> 1194
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1194
aattccgttg ctgtcgggaa gctcgatgtc ccaatattgg agagtgttgg ggaggtggag      60
aatatgccac cgccacagcc acgatcatgt tgatgggtga cacatgtaca agaggttgca    120
gattttgttc tgtaagact gcaagaaatc ctcctccact ggatgccagt gagccctaca    180
atactgcaaa ggcaattgca gagtggggtc tggattatgt tgtcctgaca tctgtggatc    240
gagatgatat gcctgatggg ggagctgaac acattgcaaa gaccgtatca tatttaaagg    300

<210> 1195
<211> 265
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(265)

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<223> n = A,T,C or G

<400> 1195

aattccgttg	ctgtcgggtg	aggttgccgt	gagctgagat	tgcgtcactg	aactccggcc	60
tgggtgacag	aaggaggctc	tgcttaann	ganaaaaaan	cntcntggaa	ctgttgnang	120
gataaaatna	aggattgagg	nattgaggna	ttgntgacnt	gnacntcnag	gngtcnnatt	180
tttttaaang	ggggggcncg	naccgggncc	gnntncntnt	tnnttcnagg	cagggtgggnn	240
tgngnnaann	caanaggnat	tccnt				265

<210> 1196

<211> 257

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(257)

<223> n = A,T,C or G

<400> 1196

aattccgttg	ctgtcgggtga	atgatgatga	tgccattggt	gctgcttcga	agtgccttgaa	60
aatggtttac	tatgcaaagt	tagtggggagg	ggaagtggac	acannttnca	ntgannaaga	120
tgntnaagag	cccatncctn	agaccanctt	atntnatacc	tnntganctn	ttnggatntc	180
atntnangtn	tcannatntg	ccntnnnctn	ngccacnngg	cnntatgcnt	tntnngcnca	240
tnntttntnc	ntcatct					257

<210> 1197

<211> 286

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(286)

<223> n = A,T,C or G

<400> 1197

aattccgttg	ctgtcgagat	gaccctgctt	tcttggtcct	gttaagtatc	tggtctctgtg	60
tgtccactat	aggatttggc	tttgtgctgg	acatgggatt	ctttgagaca	ataaagcttc	120
tcctttgggt	tgcnctnata	nattgtgnat	gngcntgntc	ntntttncgt	tnnanaatnt	180
tcctttnnan	ancnggncat	ntaattnant	tnaaaggaat	naccctngcc	cnnggnttaa	240
naannanttc	ttnnanatan	ggaacnttnt	ccccttttna	attttc		286

<210> 1198

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1198

aattccgttg	ctgtcggacc	cataggcatg	ccagacatgg	gcatgggggtt	catgttcate	60
tgtcccatgt	gaccactgct	gccattcatg	tgaccatac	tatacactgc	aggattcccc	120
tggtgggcaa	actgctgctg	ggaaaaggag	ctgtaagtaa	acaaatggta	atattacctc	180
tggaagtcac	tttagcgaca	aaggcatgc	ccacagaaat	tactacaatt	gtgtcaaaca	240
ttgctatact	taagctggga	atggttagaga	aaactccctg	acagcctgtg	atccattttt	300

<210> 1199

<211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1199

aattccggtg	ctgtcgacca	gacagagctt	ccagagtgtc	aggacatgtg	tgacttagcc	60
cagattcaga	cttttagtcac	aagcaggatc	agcatagaca	tctagctccc	agcatggcaa	120
ttctctgttg	tgtctccctg	tttgtattgg	ctgcaggaaa	gctcagagcc	aagtctgcga	180
taagctgata	ctaagtgtga	acgtgaagtc	cccagccctg	ctgctgagcc	agttgctgcc	240
ctacatggag	aacaggaggg	gtgctgtcat	cctggctctc	tccattgcag	cttataatcc	300

<210> 1200  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1200

gggagggtcc	gggcaggggg	gcacgatctt	aaggacagtc	gctccctgaa	cgcgagaccg	60
gaggagacga	aggggaaggtg	gagcggacgc	cacccgcgca	ccgggcaggc	gcggagaccg	120
gcgtgggaca	gccacctgga	gcgcagctgc	cagaaagaag	gactttgctg	ctttgggcca	180
ggatctgaac	ttaggtgtaa	accattgccc	tggcagaggg	aacctacca	gtccattgct	240
gcctgtaca	agatatgaac	agtaatggca	catattttgg	ttatgagtca	ctcagtgga	300

<210> 1201  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1201

aattccggtg	ctgtcggcat	cagcaggcac	tgtcctccct	ggagctgctc	aacgttctct	60
tcaggacctg	caaacatgag	aagctgacct	tggacctgac	ggtgtcctg	ggtgtgctgc	120
aggggcaaca	gcagagccta	cagcaggggg	cacactccac	cggctccagc	cgctgcacg	180
acctctactg	gcaggccatg	aaaaccctgg	gagtcacg	ccccaggtg	gagaagaagg	240
atgccaagga	gatccccagt	gccaccacga	gccccatcag	taagaagcgg	aagaaaaagg	300

<210> 1202  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1202

aattccggtg	ctgtcgatgc	ttccagggtc	ccagtgtcac	ctctcggtac	agtgtcctct	60
gggcccaggc	cagctgttcc	cactcctcct	gtgtgaatgc	catagccaca	tcctcgaagc	120
acacagatgc	ctgaaacagg	gcacttgcta	ctgctcagag	accccaggtc	ctcatgccct	180
cacggaggta	cctgttaagg	cctaaatgtt	ggtgtccccc	cgtaaaatc	atacattgga	240
acctaatacc	cagtgaagata	gtgttaagag	gtgggggtctt	tacaaggcaa	ttaatgtcct	300

<210> 1203  
 <211> 298  
 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1)...(298)  
 <223> n = A,T,C or G

<400> 1203  
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 gtttcagctc tgatggtata agcaaaacaa ataaaacgtt tataaaagnt gtatctngat 120  
 aactcgnnt tnnacatgnn ancannttat gnnnnntant ctatgccacc ttnnngtcac 180  
 ntnttnnann ctctancntt ncancttntc tgntncntnt cctnatcgn nngtgccaag 240  
 agantntntn cngnagnnac cnttcctttg ccaccttctt gctctgtntn tattacct 298

<210> 1204  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1204  
 aattccgttg ctgtcgagca cattgaccac cacattcagg gccaggggct cagtgggcaa 60  
 gggctctgtg cccgtgccct gtacgactac caggcagccg acgacacaga gatctccttt 120  
 gaccccgaga acctcatcac gggcatcgag gtgatcgacg aaggctggtg gcgtggctat 180  
 gggccggatg gccatttttg catgttccct gccaaactacg tggagctcat tgagtgaggc 240  
 tgagggcaca tcttgcttcc ccctctcaga catggcttcc ttattgctgg aagaggaggc 300

<210> 1205  
 <211> 267  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(267)  
 <223> n = A,T,C or G

<400> 1205  
 aattccgttg ctgtcggcag gttggtgtca aaggaaatcc ccaaggcttc aaccagggtc 60  
 tggattgtga tgtgategta gctgaggtat gtgtcttctca ggcttgcaaa gcttccacat 120  
 ttttgttgan atnanttatt catgnngact tgtatcnnnc tcnnaacnnt tnnntcncnt 180  
 naancgntt annnctatnn tnanctcgn aactnatctt gattacntnt tctncatcnt 240  
 annnttnatt tnantaannn ntgntga 267

<210> 1206  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1206  
 gccacgggat cctcagcggc ttcaacaaga cggttctgcg gacgctcccg cggagcggaa 60  
 acctcattgt ggtggagagc gtgctcatgg cagtggcctt cctggccatg ctgctggtgc 120  
 tgggtttgtg cggagccgct taccggccca cggaggagat cgatctgcgc agcgtgggct 180  
 ggggcaacat cttccagctg cccttcaagc acgtgcgtga ctaccgcctg cgccacctcg 240  
 tgcctttctt tatctacagc ggcttcgagg tgctctttgc ctgcactggt atcgcccttg 300

<210> 1207  
 <211> 294  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(294)

<223> n = A,T,C or G

<400> 1207

gtagagaaca acctgctgca tctggaagac ttatgtgggc agtgtgaatt agaaagatgc	60
aaacatatgc agtcccagca actggagaat tacaagaaaa ataagaggaa ggaacttgaa	120
accttcaaag ctgaactaga tgcagagcac gcccagaagg tcctggaaat ggagcacacc	180
cagcaaatga agctgaagga gcggcagaag ttttttgagg aagccttccn ccnggacctg	240
gacctgtanc tgttcnntgg gtacntnctg aannttgngt gtnntnagct cctt	294

<210> 1208

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1208

aattccgttg ctgtcgtgg tgatgagatc gggaaagtgg gctcaggagg tctggatctg	60
tgatgagatg gggaaagtgg gctcaagagg tctggatctg tggtagatg ggggaagtgg	120
gctcaggagg tctggatctg tgatgagatg gggaaagtgg gctcaggagg tctggatctg	180
tgatgagatg gggaaagtgg gctcaggagg tctggatctg tgatgagatg ggggaagtgg	240
gctcaggagg tctggatctg tgatgagatg ggggaagtgg gctcaggagg tctggatctg	300

<210> 1209

<211> 278

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(278)

<223> n = A,T,C or G

<400> 1209

aattccgttg ctgtcgagc cttatcattg gttatgccag aaacccttcg ctgaagcagc	60
agctgttctc atatgctatc ctgggatttg ccttgtctga agctatgggt ctcttttttg	120
tgatggttgc ttncctgngn gtgcttnnca ngaccnaaga ncataggaaa cacctgagta	180
gctcttntcg tgctggccac caggagaagg agcantatag tcgcctgagn gnnngcgggc	240
attatnacag ccngaanaca ctttctacnt cttcaatg	278

<210> 1210

<211> 281

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(281)

<223> n = A,T,C or G

<400> 1210

aattccgttg ctgtcggaag ctatgaggac taggagagac ttgatttttg tgctaaagtt	60
ccccagttca tatgtgacat ctttttaaaa aaaataacaa caaaaaaaaa atgananaaa	120
agctaaaaaa aaangnangg ggngancagt naanggnatt nattccacat ncaanatcng	180
ggnaaaacga tttcctgtaa aagnaccttn aagggttttn gntntaaaaan nccgnaggtc	240
tatccttaaa gcantnacnc cangctttnt tccttggtt t	281

<210> 1211

<211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1211  
 aattccggtg ctgtcgctca gcccgcctgc acccaggtga aataaacagc catggtgctc 60  
 acacaaagcc tgtttggtgg tctcttcaca gggacacgga tgaaatttgg tgccgtgact 120  
 cggatcgggg gacctccctt aggagatcaa tcccctgtac tccttttctt tgccctgtga 180  
 gaaagatcca cctatgacct cagtcaggtc ctcagaccga ccagcccaag gaacatctca 240  
 ccaattttta atcagacctt gaagatttgt tgttcaagga gaaactgaag agcaagaagg 300

<210> 1212  
 <211> 293  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(293)  
 <223> n = A,T,C or G

<400> 1212  
 aattccggtg ctgtcggaaa tgaccgcgcc tcaatgctgg ctgctgctaa cattaatgag 60  
 aaggtggcct tcagcgtgna nctgaggnnn naangncaca nnanntgaat gcttnnagcg 120  
 acngaaatgg aatattctga naatgancan nancnncacc actacnacag aaagangttg 180  
 gaggetnctg taccctgntc attccttang ggnctgtgctt nccttaataa gtaagtaagt 240  
 tggntnacng ccctnnatat gcaaatgaga gctgaaagtt tttaaaaggt aca 293

<210> 1213  
 <211> 280  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(280)  
 <223> n = A,T,C or G

<400> 1213  
 aattccggtg ctgtcgcttt gaaatgtaac aaatgggtact acaaccaatt ccaagtttta 60  
 atttttaaca ccatggcacc ttttgacat aacatgcttt agattatata ttccgcactc 120  
 aaggagtaac caggtcgctc aagcaaaaac aaatgggaaa atgtcttaaa aaatcctggg 180  
 tggacttttg aaaagctttt ttttttttga aacggagtnt tgctntgtng cccaggntgn 240  
 agggcannan nncnatctng gntaattgca centccgttt 280

<210> 1214  
 <211> 259  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(259)  
 <223> n = A,T,C or G

<400> 1214

```

aattccggttg ctgtcgctga gtaatctgga agaaacctgc cccatgacat gtattctcgg      60
aaagtgtgct gtgttgatcat tcaaggactt cctctcctgc aggccaactg aaataccaga      120
aaatgacatt ctgctttgtg agagccgcta caatgagagc gacaagcaga tgaagaaatt      180
caaaggattg aagagggttt nactctctgc tanagcgtag acgatnnant ttacnctntc      240
nnanctcnat nttncanct                                                    259

```

<210> 1215

<211> 276

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(276)

<223> n = A,T,C or G

<400> 1215

```

aattccggttg ctgtcggtct ctgtgtgtac ctcccattga gtagagaagc ttaagataat      60
ttctgagaga agaacctgc tgattgtggg agcagtttag gagtccatgg aagaaagaaa      120
aatacatgtg tcttggcagc catggtgtat tttgtccaa atggattgga aggatatttg      180
aatatttgaa tgntgntncn acataangtt gannnnnact ntcnattcnn ccnntgaant      240
acantnctgn cnancnctnt cnccttaatn tcnttc                                276

```

<210> 1216

<211> 299

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(299)

<223> n = A,T,C or G

<400> 1216

```

aattccggttg ctgtcggttag agatcatctt tacagttcct cgggaaaatg tgaatgtgct      60
gcgttttggt ttctttactg tatgaaaaca ggaaaataaa agagaaattt agaaaataca      120
gtcattaca ataaaattgt tggatttcat ttcccagggt cttcagtggt gatgtaaatg      180
tgttttgtag tgttgcttag cactttgcgc attgtgtang ttgggtaaca nntanggcta      240
nctaannnga nnntttccan ncntttngnt ctgaanacct tcntttannc tgcccattg      299

```

<210> 1217

<211> 296

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(296)

<223> n = A,T,C or G

<400> 1217

```

aattccggttg ctgtcgagc tttattgctc acacaaagcc tgtttggtgg tctcttcaca      60
cggatgcgca tgaatttgg tgccgtgact cggatcgggg gacctctctt aggagatcaa      120
tccccggtcc tctgtctctt tgctccatga gaaagatcca cctatgacct caggtcctca      180
gaccgaccag cccaagaaac atntcaccaa ttcaaatct ggncttcana tggaaaggan      240
cnngtatccn naaagangtg atcaangatt gcntnctgag ganntcatat gcactt          296

```



<210> 1218  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1218  
 aattccggtt ctgtcgcgaa ataatacgtg tagatgcccc tgatccaggt gcagacccgc 60  
 tggctagcag tgtgaacggc atgtgcctgg atattcctgc tcacctgagc atccgcatcc 120  
 tcatctcgga tgctggcgcg gtggaaggga ttactcagca ggagatactc ggtgtagaga 180  
 caaggttctc ctcaagtgaac tggcagtacc agtgtgggct tacctgtgag cacaaggccg 240  
 accttctccc tatcagtga tccgtccagt ttattaaaat tcctggcagt taccgccccc 300

<210> 1219  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1219  
 aattccggtt ctgtcggcca ggaaaggcaa ggggcagatc gagaagagga agctgcggga 60  
 gaagcggcgc tccaccggcg tggtaacat ccctgccgca gagtgccttag atgagtacga 120  
 agatgatgaa gcagggcaga aagagcggaa acgagaagat gcaattacac aacagaacac 180  
 tatacagaat gaagctgtaa acttactaga tccaggcagt tcctatctgc tacaggagcc 240  
 acctagaaca gtttcaggca gatataaaag cacaaccagt gtctctgaag aagatgtctc 300

<210> 1220  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1220  
 catcttggtc atgtcgtgtc tgaactcctg acatcgtgat ccatctgcct cggcctccca 60  
 aagtgtctgg attacaggca tgagccacag tgcccgcca ttttgcccat tttttaatca 120  
 ggttatttgc ttttttggga agattcggcg ccgctatcta cgtagatcca gacatgataa 180  
 gatacattga tgagtttggc caaaccacaa ctagaatgca gtgaaaaaaaa tgctttattt 240  
 gtgaaatttg tgatgctatt gctttatttg taaccattat aagctgcaat aaacaagtta 300

<210> 1221  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1221  
 aattccggtt ctgtcgagca aataccaagg cctaaaaaag aatgaattat ttgctgtttg 60  
 ggaaatggaa gccacgctg agtgcctgaag cacagggact ctgcgcagga agaggagggg 120  
 aagcaagaaa tgaatttggg tccttgtgat ggcagtggct gctgccatca cgctgtgtgg 180  
 ctagggctgc acacttcag gagccggtgg aagccccgtc cctcatgagt tgggactgga 240  
 gccgcaaacc gctgctgcag acccaggcct tctgctctat ggagcaggca ggagccccc 300

<210> 1222  
 <211> 270  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (270)

<223> n = A,T,C or G

<400> 1222

aattccggtg	ctgtcgcagc	cttgttttat	gccacttttc	tctcccata	ccttcccctc	60
atgtgtactt	agccacctgt	gttgctttga	atctgctgcc	agttctggct	caaagtgggc	120
acaaaatnag	nacttnagac	gcacatgan	ntnctgtgg	ctatnnnttc	tnangantng	180
tttnacnntt	nctgtnttat	ntntgtntta	ngnttnagnn	gtnnnnnnta	nnnnnaaata	240
nnnnatgatg	ntntgtncna	tcnntntnat				270

<210> 1223

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1223

aattccggtg	ctgtcgcctc	gtggagctct	tccagagctg	gccgctgctg	gagaggccct	60
ggaaggcctt	cctcaacctc	tcggccatcg	tgctcttcct	gttcatctgt	ggcctcctgc	120
cctggatcga	caacatcgcc	cacatcttcg	gcttcctcag	tggcctgctg	ctggccttcg	180
ccttcctgcc	ctacatcacc	ttcggcacca	gcgacaagta	ccgcaagcgg	gcactcatcc	240
tggtgtcact	gctggccttt	gccggcctct	tcgccgcctc	cgtgctgtgg	ctgtacatct	300

<210> 1224

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 1224

aattccggtg	ctgtcgggaag	aacataaaca	ggatgctgag	agattgggtc	tctccacatt	60
gccccggctg	ctctccaacc	cctgagttca	agtgattcac	ctcccttggc	ctcccaaagt	120
actgggatta	caggcgtgag	ccaccgtgcc	tggctgagaa	gatggattta	agacatatct	180
tggaggtaac	attgtcagga	cttcctgaag	gattanatgt	ggaagggaag	gataagaac	240
agaccaagga	taactttcaa	atgtatgctt	aagcaactgg	atggataatg	atgccattga	300

<210> 1225

<211> 286

<212> DNA

<213> Homo sapiens

<400> 1225

aattccggtg	ctgtcgcgaa	tggtttagcg	ccaggttccc	cacgaacgtg	cgggtgcgtga	60
cgggcgaggg	ggcggacgct	atctacttag	atccagacat	gataagatac	attgatgagt	120
ttggacaaac	cacatctaga	atgcagtga	taaaatgctt	tatttgtgaa	attatgtgat	180
gctattgttt	tatttgaac	cattataagc	tgcggatata	caagttaaca	acaacaattg	240
cattcatttt	atgtttcagg	ttcaggggga	ggtgtgtgag	gtttta		286

<210> 1226

<211> 268

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1)...(268)  
 <223> n = A,T,C or G

<400> 1226  
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 cgggtcagtg ctgaagaatc cggcgatgaa gaagggaaga aacacagcag tggcatcgtg 120  
 gccgacctca gtgaacagag cctgaaggat ggggaggagc gnttgnagga ngantttnnn 180  
 nnntttntnt ngtgcttnnn canttnnant nnncttcct nanagttngc tnnangnnnn 240  
 nnttttatan nntatcnnnn nnatcatt 268

<210> 1227  
 <211> 289  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(289)  
 <223> n = A,T,C or G

<400> 1227  
 aattccgttg ctgtcgcagg aagtgaggat acttctggcg agcgccgggtt gctgtttctt 60  
 ctcaggctca gggaccggcc gcggccccgt aggggggtttt aactcaaatg ggtgatgaaa 120  
 aggactcttg gaaagtgaaa actttacatg aaattcttca ngaaaagaaa cgaangangg 180  
 aacangagga gaaagcagag ataaaacgct taanaaatc tgatgaccgg gattccaagc 240  
 gggattccct tgaggagggg gagctnanag atnactgcat ggagatcac 289

<210> 1228  
 <211> 264  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(264)  
 <223> n = A,T,C or G

<400> 1228  
 aattccgttg ctgtcgcttt ttatcacctc ccctcctcac acctgggtccg gcttacagtt 60  
 tcgttccgtg actagccctc cccacactgc ccagcaattt actcttaaaa aggtggctgg 120  
 agctaaaagac atagtcaagg ttaacgctcc tttttcttta tccnnaatnn gatacgtnta 180  
 agntcctttt tnaanncann ttannnnnna gncnannntna tgncttnann cncnntnanc 240  
 ntgctgagac ncannaatnt ttaa 264

<210> 1229  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1229  
 aattccgttg ctgtcgggag tcggaacatc atcttcagcg ggctatttca gcacagcagg 60  
 tgtatggcga gaagagggat aatatggtta taccgggtccc agaggcagaa agtaatatg 120  
 cttactatga gtctatatat cctggggaat ttaagatgcc aaagcagctc attcacatac 180  
 agccttttag tttggatgct gaacagcctg attatgattt ggattctgaa gatgaagtat 240  
 ttgtgaataa actgaaaaag aaaatggaca tctgcccatt gcaatttgag gagatgattg 300

<210> 1230  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1230  
 ctatctacgt acagccagac atgagaagat acattgatga gggtggacaa accacagcta 60  
 gaatgcagtg gagaaaatgc tttatttgtg aaatttgtga tgctattgct ttatttgtaa 120  
 ccattataag ctgcattaaa caagttaaca acaacagttg cattcattct atgtttcagg 180  
 ttcaggggga ggtgtggggg tggagtgtt caggtatctt gggatatata tatgcattct 240  
 aaaatctgta gcagcataac tcctttggga atcatgagac atttttgtct cttacctgtt 300

<210> 1231  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1231  
 aattccgttg ctgtcgagg aggaagccgc ctacatccaa gagatcacca cggcagatgg 60  
 ccagaccgta cagcacctgg tgacctccga caaccaggtg cagtatatca tctcccagga 120  
 tgggtgccag cacctgctcc cccaggaata tgtgtggtc cctgaaggcc atcacatcca 180  
 ggtacaggag ggccagatca cacacatcca gtatgaacaa ggagccccgt tccttcagga 240  
 gtcccagatc cagtatgtgc ctgtgtcccc aggccagcag cttgtcacac aggetcaact 300

<210> 1232  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1232  
 aattccgttg ctgtcgccag gacctgggg aaaggaagcc agccccagg gccagtcccc 60  
 gaggggctga tccgcatcta cagcatgagg ttctgcccc attctcacag gaccgcctc 120  
 gtctcaagg ccaaagacat cagacatgaa gtggtcaaca ttaacctgag aaacaagcct 180  
 gaatggtact atacaaagca cccttttggc cacattcctg tcctggagac cagccaatgt 240  
 caactgatct atgaatctgt tattgtttat tcttgagtat cagaacacca ccttctttgg 300

<210> 1233  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1233  
 aattccgttg ctgtcgccca aaccactcc accttactac cagacaacct tagccaaacc 60  
 atttacccaa ataaagtata ggcgatagaa attgaaacct ggcgcaatag atatagtacc 120  
 gcaagggaaa gatgaaaaat tataaccaag cataatatag caaggatcct cctgtttacc 180  
 ctgtacctcc aatgtctggc acttgtagg gctcaaatat tcgttgaaat aatgaaaaat 240  
 ccatattgta attgatgtcc tctggccaca tagttttaa attaggtgat tgattatatg 300

<210> 1234  
 <211> 279  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(279)

<223> n = A,T,C or G

<400> 1234

aattccggtg	ctgtcgttca	aatatggaga	ttaatcacca	acttcttatt	ttttgggcca	60
gttggattca	atTTTTtatt	taacatgatt	tttctatata	gttactgtcg	aatgctagaa	120
gaaggctctt	tccgaggtcg	gacagcagac	tttgtattta	tggtcccttt	tggtggattc	180
ttaatgacct	tttttggctt	gtttgtgagc	tgagttttct	tgggccaggc	ctttacaata	240
aggcacgtct	ntgngtggnn	cncnantgaa	ccccttatg			279

<210> 1235

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1235

aattccggtg	ctgtcgggtt	gttaaaaatg	tcattctcaag	tcaagtcact	ggtctgtttg	60
catttgatac	atTTTTgtac	taactagcat	tgtaaaatta	tttcatgatt	agaaattacc	120
tgtggatatt	tgtataaaaag	tgtgaaataa	atTTTTtata	aaagtgttca	ttgtttcgta	180
acacagcatt	gtatatgtga	agcaaactct	aaaattataa	atgacaacct	gaattatcta	240
tttcatcaaa	ccaaagtcca	gtgtttttat	ttttggtgtc	tcattgtaata	tcagatcagc	300

<210> 1236

<211> 207

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(207)

<223> n = A,T,C or G

<400> 1236

aattccggtg	ctgtcgttca	gttttggcgg	agcaaagtcc	tagaggtggc	caaggacttc	60
cctgagtaca	cctttgccat	tgccggacgaa	gaggactatg	ctggggagggt	gaaggacctg	120
gggctcagcg	agagtgggga	ggatgacaat	gccgcctcc	tgaacgacag	tgggaaaaag	180
antgncnttt	ngnnananga	nnnnngnt				207

<210> 1237

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1237

aattccggtg	ctgtcgccca	ggccatgaag	cattatacag	aagccatcaa	aaggaacccg	60
aaagatgcca	aattatacag	caatcgagct	gcctgctaca	ccaaactcct	ggagtccag	120
ctggcactca	aggactgtga	ggaatgtatc	cagctggagc	cgaccttcac	caaggggata	180
gtcccctttc	tgaaaacact	cgttgccttt	gttcttctcc	tccaaagcca	gctaaattcc	240
aaataccaga	gactgaaatt	ttcagccttg	ctaagggaac	atctcgatgt	ttgaaccttt	300

<210> 1238

<211> 249

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

&lt;222&gt; (1) ... (249)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1238

```

aattccgttg ctgtcggctg acagctatatt tgaaatttgg agcagaggat ctcttcaaag      60
aactggaagg ggaggaatca gaacctcagg aaatggatat agatgaaatt ttgcggttgg      120
ctganacgan agagaatgaa gtgtcancna gtgncagat gaantttctat cacagantaa      180
ggttgtnaan tttgcagcna tggangatgn gtaactnntn taaaancntg gncntgnttn      240
gtngggata                                     249

```

&lt;210&gt; 1239

&lt;211&gt; 269

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (269)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1239

```

aattccgttg ctgtcgggac aacgccaagc tgggtgcctgt gctctcagcc aaggcggccc      60
aagccagtga cctggaaaaa atccacctgg atgagaagtc tttccgttgg ttgcacaacg      120
aggaccagat ggctgtggag aagctttntg acgggatcng caagtttgcc ngtgatgcag      180
tnaagcnnnn ncgcttnctt gnnagatnga atgtntttat ngttaatngn aanantttgg      240
tntctanntg gtgtntntnt nattatgnc                                     269

```

&lt;210&gt; 1240

&lt;211&gt; 294

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (294)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1240

```

aattccgttg ctgtcgatat tttggaggac ggggtgaagag gtaataacga aagcaagcga      60
gtgaattagg atttcaaagt gccctaatag tgtgagtctc cagttcctag aatatgaaga      120
gtgctgtcgt tggggtgaaa ccatgagact gacagatctg cctgaaatgg ggggtgtgta      180
angtgctgtn cctgagtggc nnggnnnngn ggntatgngn gntngngggg ngnggnntng      240
nntcggngnn gntnnnnnt gtgggnntgn tntntatntn ggnnngattt cggg          294

```

&lt;210&gt; 1241

&lt;211&gt; 285

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (285)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1241

```

aattccgttg ctgtcgggtat cgccaccgtg ctgcagcacg aggagcgccg ctgccagtac      60

```

```

ctcaccgagg aggccaaagct gatcctggca ctccaggatg aggtgtccgc catggctgat      120
ggaaatgaag gtccctcagtc cccattccat cacatcctgc ccatttgcgt cattgccna      180
aacctnaagg aanccttatga naggctgngn ncgtnagacg tantgaggct tcacatnaac      240
anctggctng anntgagctt ttgcntgncc tacatgaacc actat                          285

```

<210> 1242

<211> 250

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (250)

<223> n = A,T,C or G

<400> 1242

```

aattccggtg ctgtcgaacc atccagatta gatgtcacca acagtgagag cccagaaatt      60
cctttgaatc caattttggc cttggatgat gaagggacac ttggggccct gcctcaggta      120
gatggtgttc agacacagca gactgcagaa gttatatgag tgntanttct gaanaacct      180
tgctgacttt ttntgnnaan ttnttacant nanngnaatt tctttcctgn tctatnngat      240
cantntctcc                                     250

```

<210> 1243

<211> 266

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (266)

<223> n = A,T,C or G

<400> 1243

```

aattccgttg ctgtcggaag gggctaaaca tgtgaggcct ggagatagtt gctaagttgc      60
taggaacatg tgggtgggact ttcataattct gaaaaatggt ctatattctc atttttctaa      120
aagaaagaaa aaaggaaacc cgatttattt ctctgaatc tttttaagtt tgtgtcgntn      180
tttncggcng aactaanttc natncnttga ncttanctnn tangctnggn cctcnatcn      240
tnatntnctg nagagatcga nncnnt                          266

```

<210> 1244

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1244

```

aattccgttg ctgtcgaagt ggcttaggga tggggtagag tagttgactt atttggatga      60
aaaccactat cttctgtcag aaactcaaaa ggaatcattg ctggcatggt aacctaaaga      120
aaaacaacca gacaagtgcc caacgacact taaaaagggtg atttattagc ttgccaagtt      180
taggctgggc atggtgactc atgcctctaa tcccagcatt ttgggaggct gaggctggtg      240
gatcaccgga ggccaggact ttgagaccag cctgaccaat atggcgaaac ctgcgtccctg      300

```

<210> 1245

<211> 300

<212> DNA

<213> Homo sapiens

&lt;400&gt; 1245

```

aattccgttg ctgtcgcaat taaacacccc agtgtgaatg agaacttctg caatgaaaag      60
gaaggggctc agttcagcag tcatcttatc aatcttctga accctaaagg aaagccagca      120
aaccagctgc ttgctctcag gactttttgc aattgttttg ttggccaggc aggacaaaaa      180
ctcatgatgt cccagaggga atcactgatg tcccatgcaa tagaactgaa atcaggggagc      240
aataagaaca ttcacattgc tctgggtaca ttggccctga actattctgt ttgttttcat      300

```

&lt;210&gt; 1246

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(300)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1246

```

aatttcgttg ctgtcgggtgg aagataacca caaggccgac atcagctcct gggttcattgga      60
agccatagag tacatcgatg ccgtgaagga ctgccgtggg cgcgtgctgg tgcactgccca      120
ggcgggcatc tcgcggtcgg ccaccatctg cctggcctac ctgatgatga agaaacgggg      180
gaggtgtggg aggttttnc aagtgttct gtagatancg tcantnggac tagatattcn      240
acaggccnta acttgantct attgccnntg tctttatnan atgtacnttt tatattctgt      300

```

&lt;210&gt; 1247

&lt;211&gt; 287

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(287)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1247

```

aattccgttg ctgtcgga aaataaagaa gatgatgctc caagaacaat agcttgccct      60
cataaaggct gcacaaagat gttcagggat aactcggcca tgagaaaaca tctgcacacc      120
cacggtccca gagtccacgt ctgtgcagaa tgtggcaaag cttttgttga gagttcaaaa      180
ctaaaacgac accaactggg tcatactggg gtagtagcct ttctgtgctc gttctaaggc      240
tgtgggaaac gctttncnct gtcttcantt ngcncacncn tgtgcga      287

```

&lt;210&gt; 1248

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(300)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1248

```

aattccgttg ctgtcgccg agcttgacac cctcaacgag gactcctaca aggactccac      60
gtcatcatg cagctcctcc gcgacaacct cacgctctgg acgagcgacc agcaggacga      120
cgatggcggc gaaggcaaca attaaggccc caggggaact ggcagcgcac gcggatgcta      180
ctactgcagt ctttattttt tcccatgag ttgggggtcg ggtgggggag gtgtgggagg      240

```



gnatgacctt cccagggaga aaccacgac ctgtcctgnc ttgatcgnc tctttgacat 300

<210> 1249  
 <211> 291  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(291)  
 <223> n = A,T,C or G

<400> 1249  
 aattccgttg ctgtcggcag tttggggaag tctggatggg ttactataac aacagtacca 60  
 aggtggctgt gaaaaccctg aagccaggaa ctatgtctgt gcaagccttc ctggaagaag 120  
 ccaacctcat gaagaccctg cagcatgaca agctcgtgag gctctacgct gnggncacca 180  
 gggaangagc ccattnacat catcatcgat tacntngtna aggncantnt gntgaatttt 240  
 ntgnttannn atnanngcca nnannntnnn tctacnaaan nntatttcta t 291

<210> 1250  
 <211> 231  
 <212> DNA  
 <213> Homo sapiens

<400> 1250  
 aattccgttg ctgtcggttt tggaggccct tgcttttctt catcatgagg gctatgtcca 60  
 tgcggacctc aaaccacgta acatattgtg gagtgcagag aatgaatggt ttaaactcat 120  
 tgactttgga cttagcttca aagaaggcaa tcaggatgta aagtatatc agacagacgg 180  
 gtatcgggct ccagaagcag aattgcaaaa ttgcttgccc aagctggcct g 231

<210> 1251  
 <211> 289  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(289)  
 <223> n = A,T,C or G

<400> 1251  
 tttggacaaa ccacaactag aatgcagtga aaaaaatgct ttatttgtga aatttgtgat 60  
 gctattgctt tatttgaac cattataagc tgcaataaac aagttaacaa caacaattgc 120  
 attcatttta tgtttcaggc tcagggggag gtgtgggagg ttttcannca ccacctgaca 180  
 cttttgctga agntgnagga canactgaac cggcncctga nctgngacct gatgccanac 240  
 ganaatatnc cngagttggn gnntganctg nngcanntgg gctacagtt 289

<210> 1252  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1252  
 aattccgttg ctgtcggaga cacattacac ctaaccaaca agaagaagga tcctccccct 60  
 tataatttaa ctatgtttac agggaatgcg tacattgtgg cttcccgaga ttctgtccaa 120  
 catgttttga agaaccctaa atcccaacaa ctgattgaaat gggtaaaaga cacttatagc 180

ccagatgaac acctctgggc cacccttcag cgtgcacggg ggatgcctgg ctctgttccc 240  
 aaccacccca agtacgacat ctcagacatg acttctattg ccaggctggt caagtggcag 300

<210> 1253

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1253

aattccgttg ctgtcggggg gatcaggata ctctgctca cagacaccca tctcccccta 60  
 ccaaaaataa cgctggagtc ctcttccac cctgactctg cctctctgtc tgcaggagcc 120  
 tggtcggggg gctccacaga agctgtgcct gggcttggga gccaaaggcca tgcccccttc 180  
 ccggccaggg gagacggagc ccatccacag tgtcagctat ggccatgtgg ccgcctgcca 240  
 gctaattggg cccacaccc tggccttgag ggtgggagag agccagctcc tctgcagag 300

<210> 1254

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1254

aattccgttg ctgtcggag ttcattccatc aatttcctga ctcgagttag tggcattggt 60  
 ccatctgctg caaggaagtt ttagatgaa ggaattaaaa cactagaagg ctcacagctg 120  
 gattcatgcc cagtaaaggg acacctgaat ggaactgagt cactttttaga cttaatatgg 180  
 gatgttatga caattcttaa gttaaaaaat gcagatctca gaaaaaatga agataaattg 240  
 aaccatcatc agcgaattgg gctgaaatat ttgggggact ttgaaaaag aatttcctgt 300

<210> 1255

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1255

aattccgttg ctgtcgggtg cctggctgcc ctagcaaggc agtagacca ggcctgcctt 60  
 ctgtgaagca agagccacct gaccagagg aggacaagga ggagaacaag gatgattctg 120  
 cctccaaatt ggccccagag gaagaggcag gaggggctgg cacaccctg atcacggaga 180  
 ttttcagcct ggggtgaacc cgcttccgag atacagcagt ctgggttgcca aggtattacc 240  
 accttgctct tgactggaaa tgcaactgtg gttaccacct gtgctgcagg tccgtcctgg 300

<210> 1256

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1256

aattccgttg ctgtcggggg gatcaggata ctctgctca cagacaccca tctcccccta 60  
 ccaaaaataa cgctgggctc ctcttccac cctgactctg cctctctgtc tgcaggagcc 120  
 tggtcggggg gctccacaga agctgtgcct gggcttggga gccaaaggcca tgcccccttc 180  
 ccggccaggg gagacggagc ccatccacag tgtcagctat ggccatgtgg ccgcctgcca 240  
 gctaattggg cccacaccc tggccttgag ggtgggagag agccagctcc tctgcagag 300

<210> 1257

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1257  
aattccgttg ctgtcgggtg ttgacgagct cggcggcggg tttgctgaga tctgtggccg 60  
tcggcagctg gtgcgggggg cagctgagag cgagaggtgg atcggggcgg tgtgtggcca 120  
gggccatgac gggcaatgcc ggggagtggt gcctcatgga aagcgacccc ggggtcttca 180  
ccgagctcat taaaggattc ggttgccgag gagcccaagt agaagaaata tggagtttag 240  
agcctgagaa ttttgaaaaa ttaaagccag ttcattgggtt aatttttctt ttcaagtggc 300

<210> 1258  
<211> 252  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(252)  
<223> n = A,T,C or G

<400> 1258  
aattccgttg ctgtcgaata aaagcaaaca gaacactcca acttagagca ataacggctg 60  
ccgcagcagc cagggaagac cttgggttgg tttatgtgtc agtttcactt ttccgataga 120  
aatttcttac ctcatTTTTT taagcagtaa ggcttgaagt gatgaaacct acagatccta 180  
gcaaatgtgc ccaaccagct ttactaaagg gggagggtgtg ggagggtttg ggatganaan 240  
acnngtttcc ca 252

<210> 1259  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1259  
aattccgttg ctgtcgcgtt cctgtctgag ccccaagcca cctcagggtc aagagcaaca 60  
gggccaagag gatgaagtgg tcttggtgga agggccacc ctcccagaga cccccgact 120  
cttcccactc aaaatccgtt gccgggctga cctggtcaga ttgcccctca ggatgtcggg 180  
gcccttcgag agtgtgggtg accacatggc caccacctt ggggtgtccc caagcaggat 240  
ccttttgctt tttggagaga cagagctatc acctactgcc actcccagga ccctaaagct 300

<210> 1260  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1260  
aattccgttg ctgtcgcgtg aggtcatcag gcagtctgct gggcaaaaga caacctgtgg 60  
ccaggggtctg gaagggccct gggagcgcgc accccctctg gatgagtccg agagagatgg 120  
aggctctgag gaccaagtgg aagaccagc actaagttag cctggggagg aacctcagcg 180  
cccttcccc tctgagcctg gcacataggc acccagcctg catctcccag gaggaagtgg 240  
aggggacatc gctgttcccc agaaaccac tctatcctca ccctgttttg tgctcttccc 300

<210> 1261  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1261  
ccgcactata gaatacaagc tacttgttct ttttgagga tcccatcgag aaaaaactgg 60  
ccatgcagaa gtcgtccgag tgggtgtacca gccagaacac atgagttttg aggaactgct 120

caaggtcttc tgggagaatc acgacccgac ccaaggtatg cgccagggga acgaccatgg 180  
 cactcagtac cgctcggcca tctacccgac ctctgccaag caaatggagg cagccctgag 240  
 ctccaaagag aactaccaa aggttctttc agagcacggc ttcggcccca tcactaccga 300

<210> 1262  
 <211> 295  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(295)  
 <223> n = A,T,C or G

<400> 1262  
 acgtacatcc atacatgata agatacattg atgagtttgg acaaaccaca actagaatgc 60  
 agtgaaaaaa atgcttttatt tgtgaaattt gtgatgctat tgctttattt gtaaccatta 120  
 taagctgcag taaacaagtt aacaacaaca cttgcattca ttttatgttt caggttcagg 180  
 gggaggtgtg ggaggntttn ntggatctgn ccgncncncn nangtnacn ncntgcnnngt 240  
 ggcngangnt nccntcaagc cctngnnttn ngntcctttc attgtccaac aatga 295

<210> 1263  
 <211> 256  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(256)  
 <223> n = A,T,C or G

<400> 1263  
 gctatctacg tagatccaga catgataaga tacattgatg agtttggaca aaccacaact 60  
 agaatgcagt gaaaaaaatg ctttatttgt gaaatttgtg atgctattgc tttatttcta 120  
 accattataa gctgcaataa acaagttaac aacaacaatt gcattcattt tatgtttcag 180  
 gttcaggggg aggtgtggga ggttgcccn tngcaaagg gnnttaggct ctctnggnga 240  
 tttnnnngttt tcccga 256

<210> 1264  
 <211> 205  
 <212> DNA  
 <213> Homo sapiens

<400> 1264  
 gctatctacg tagatccaga catgataaga tacattgatg agtttggaca aaccacaact 60  
 agaatgcagt gaaaaaaatg ctttatttgt gaaatttgtg atgctattgc tttatttcta 120  
 accattataa gctgcaataa acaagttaac aacaacaatt gcattcattt tatgtttcag 180  
 gttcaggggg aggtgtggga gggtt 205

<210> 1265  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1265  
 aattccggtg ctgtcgtgaa aaggcaggtc ctctgttatg aactatttca gagcaagacc 60

```

cgtcacagaa aatttaaaga aattcaagtc ccatataatg tccagtggat ggcaatcttc      120
agtgaacaac tctgtgtggg attccagtca ggattttctaa gataccccctt gaatggagaa      180
ggaaatccat acagtatgct ccattcaaat gaccatacac tatcatttat tgcacatcaa      240
ccaatggatg ctatctgcgc agttgagatc tccagtaaag aatatctgct gtgttttaac      300

```

<210> 1266

<211> 239

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (239)

<223> n = A,T,C or G

<400> 1266

```

ctatctacgt agatccagac atgataagat acattgatga gtttggacaa accacaacta      60
gaatgcagtg aaaaaaatgc tttatttgtg aaatttgtga tgctattgct ttatttgtaa      120
ccattataag ctgcaataaa caagttaaca acaacaattg cattcatttt atgtttcagg      180
ttcaggggga ggtgtgggag gttttnntnn nnnnnnnnnn nnnngntttn nttnnnnnng      239

```

<210> 1267

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1267

```

aattccgttg ctgtcgttcc cattcagctc ttgggggtgaa gccttattcc tgatgctcca      60
gacgatcacc atctgcttcc tggatcatgca ctacagagga cagactgtga aagggtgtcgc      120
tttctctgct tgctacggcc tggatcctgct ggtgcttctc tcacctctga cgcccttgac      180
tgtagtcacc ctgctccagg cctccaatgt gcctgctgtg gtggtgggga ggcttctcca      240
ggcagccacc aattaccaca acgggcacac aggccagctc tcagccatca cagtcttctc      300

```

<210> 1268

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1268

```

aattccgttg ctgtcgttac cattgcaaga cccagattg caagggatgg tgcttctttg      60
aggatgatgt caatgagttc acctgccctg tgtgtttcca cgtcaactgc ctgctctgca      120
aggccatcca tgagcagatg aactgcaagg agtatcagga ggacctggcc ctgctgggctc      180
agaacgatgt ggctgcccgg cagacgacag agatgctgaa ggtgatgctg cagcagggcg      240
aggccatgctg ctgccccag tgccagatcg tggtagagaa gaaggacggc tgcgactgga      300

```

<210> 1269

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1269

```

atgaaatctc tttcatccga gcaggagaag gtgctcttaa acaagccttg gcaaattgcaa      60
cattatgtat tcttgaacct attatggctg tggaagttgt agctccaaat gaatttcagg      120
gacaagtaat tgcaggaatt aaccgacgcc atggggtaat cactgggcaa gatggagttg      180
aggactatct tacactgtat gcagatgtcc ctctaaatga tatgttttgt tattccactg      240
aacttaggtc atgcacagag ggaaagggag aatacacaat ggagtatagc aggtatcagc      300

```

<210> 1270  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1270  
 aattccgttg ctgtcggcaa ctcgaggag aagaccccg ccccgaggct agctgcggag 60  
 aaaaccaaga aggaggagta catgaagaag ctgcacatgc aggagcgtgc tgtggaggag 120  
 gtgaagctgg ccatcaagcc cttctaccag aagagggagg tgaccaagga ggagtacaag 180  
 gacatcctgc gcaaggccgt gcagaagatc tgccacagca agagtggaga gatcaacccc 240  
 gtgaaggctgg ccaacctggt gaaggcgtac gtggacaagt acaggcacat gcgcaggcac 300

<210> 1271  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1271  
 aattccgttg ctgtcgagca ctgcgagatt tctgaaagga caggacgaag atcaagtgc 60  
 cagtgttctt atagcacaaa tggggaacta ccaggaatac ctcaagcaag taccttctcc 120  
 actaagagaa cttgatcctg atcagccacg aagggttgcac acatttggca acccctttaa 180  
 gctggataag aagggtatga tgatagatga agcagatgaa tttgtggctg gacctcaaaa 240  
 taaacataaa cgacccggag aaccaaataat gcaagggatc cctaaaagac gtcggtgttt 300

<210> 1272  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1272  
 aattccgttg ctgtcgatgc gaccaagggc atcactcggg gcctcctgaa tgaaacaacc 60  
 aacaataaga acgagaagga gcttgtgcta aacacagaag gaatcaacct ccagagctta 120  
 ttcaagtatg cagaggtcct ggatctgcgc cgctctact ccaacgacat ccacgccata 180  
 gccaacacgt atggcattga ggccgcgctg cgggtgatcg agaaggagat caaggatgtg 240  
 ttgcccgtgt atggcatcgc ggctcgacct cgccatctct ccctgggttc tgattatatg 300

<210> 1273  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1273  
 aattccgttg ctgtcgaatt ggtttggcac ctactacagg atgatccaga ccaacttcat 60  
 tgacatggag aacatgtttg acctgctgaa agaggagaca gaagtgaagg accttcctgg 120  
 agcagggccc cttcgttttc agaagggccg tattgagttt gagaacgtgc acttcagcta 180  
 tgccgatggg cgggagactc tgcaggacgt gtctttcact gtgatgcctg gacagacact 240  
 tgccctgggt ggcccatctg gggcagggaa gagcacaatt ttgcgcctgc tgtttcgctt 300

<210> 1274  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1274  
 aattccgttg ctgtcggcat tcgcattcct gctctcttac ccccaacgtc cacagagctg 60  
 gatgttcttc acaatgtcca agtggctgca gtggttggca ttggccttgt atatcaaggg 120

```

acagetcaca gacatactgc agaagtcctg ttggctgaga taggacggcc tcctggctcct    180
gaaatggaat actgcactga cagaaagtca tactccttag ctgctggctt ggccctgggc    240
atggtctgct tggggcacgg cagcaatttg ataggtatgt ctgatctcaa tgtgcctgag    300

```

```

<210> 1275
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 1275
aattccgttg ctgtcgagca gcggaagcgt gaggctgagg agcggcgccg cttccccctg    60
gagcagcgac taaaggagca catcattggc caggagagcg ccatcgccac agtgggtgct    120
gcgatccgga ggaaggagaa tggctggtac gatgaagaac accctctggt cttcctcttc    180
ttgggatcat ctggaatagg aaaaacagag ctggccaagc agacagccaa atatatgcac    240
aaagatgcta aaaagggctt catcaggctg gacatgtccg agttccagga gcgacacgag    300

```

```

<210> 1276
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 1276
aattccgttg ctgtcgctta cttctcacac ccagccatcc gctatcacc tcaggagacg    60
ctgaaagaat ttgtccaact tgtctgccct gatgctgggc agcaggctgg acaggtgggg    120
ttcctcaatc ccaatgggag cagccaaggc aaggtgcaca acccattcct tcccacccca    180
atgttgccac cgccaccgcc accaccgatg gccaggcctg tgcctctgcc ggtgccagac    240
acaaagcctc caaccacgtc aacagaagga ggtgcagcct cccccacgtc accaatcctg    300

```

```

<210> 1277
<211> 297
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(297)
<223> n = A,T,C or G

```

```

<400> 1277
aattccgttg ctgtcggctt tgatcttctg acctcgtgat ccaccgcct cggcctccca    60
nagngctggg attacangcg tgagctaccg tgccggccn catattnctt aatganaact    120
ttnttgaaan ctttcattat ttctgtgnet ttgganttag gnancagaga ttcataaggta    180
ccttnagaan ganagaaatn tctctacnca natgagtcnt ccannectgg aagnnataat    240
nnaactgnnc tcactactcc aanccttaag aagctnnatg angctcattn taaggaa    297

```

```

<210> 1278
<211> 289
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(289)
<223> n = A,T,C or G

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<400> 1278

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ctgtggccgc tgctcctgcc tgggccatgc cctgatgctg ccaacaccac tgctcctcta      120
tttataagnn ttagtacagn tgnatgaccc ttcaatannt gaacagnnga tatgttcctn      180
acantaagnc nannnctnna tangaatnnn tcantgnant nnncataaat atatnccttn      240
ncnanatcna nncnttntna ntagnnaann tcnttttatt nntattctt      289

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&lt;210&gt; 1279

&lt;211&gt; 294

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(294)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1279

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aattccggtg ctgtcgagcc tgctgcccc caggtgaaat aaacagccat gttgctcaca      60
caaagcctgt ttggtgtctc ttcacactga ctcgagtga ctttgatgcc ntggctanta      120
tattttcant atntnttatn anattatntt tncntccttn ttnttttttn nnnnttttta      180
aagnntnntt ttngntnntt ttnttttttt nntnnnnttc ttttntnct nnattntctt      240
cnntatcttt nntantnctt ttctntnnt nntgattntt ntntcttttt tgat      294

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&lt;210&gt; 1280

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1280

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aattccggtg ctgtcggaag acaggtggcc atgaaacaga tggatcataga attggttcag      60
tggttgtagg tgcagcaacc caagagtgtc ttatctgaaa taccaccagg aatgtctgga      120
cacagtagac aaagtttttt caactggacg ccttaggata catgcttcca aaaacaaagt      180
agccaaaaag aaaccagagt cacagaatat cagagccaaa ggaacatttg gaggtaattc      240
agtacctcct ccttttcaac ctacagggga gatagtggaa gagaagcagg gatgggtctg      300

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&lt;210&gt; 1281

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1281

```

aattccggtg ctgtcggaag agagcccga actaaacagg gaggaatcca ccatttagaa      60
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gacctttcat ggaataagaa gtatacctcc ttctacatgt ttttgtctta ctgacctctg      180
ataactggaa cacatgactc tgggtctgta gaaagtcaac tgatcaaact catcctcacc      240
atgcatcaac tgttcagact ggttttgga caaaaagatc tttcacgagc tggggacctc      300

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&lt;210&gt; 1282

&lt;211&gt; 287

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(287)

&lt;223&gt; n = A,T,C or G



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aactcacaac tgactttgtc acagaggtaa tgcattctgt tgcaggaagt agctgtaggc 120  
tcagtacctg ttgtttgagt cagatttagc agatttggtt tttaagcttg tgggtttgtg 180  
ctaatttggg cagaatatat ttattatata tgtgtgtgtg tatgtgtgta tgtgtgtgtc 240  
tgcatacgna ntacctgtac atagacacac atgcatgtgg tcatcct 287

<210> 1283  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1283  
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gcctgtccat cctgtgcacc ccagcttct cttgtcacct gaaaccacct ctgagggaag 180  
gtggtggcgt ctcatatgca tgggcatgtg gctggtcagg tggcctccat ccaggggtgc 240  
cccgtctgtg tgacctccct ctgggtgctg tgggcttgct ccaggggtgca ggtgcaaccc 300

<210> 1284  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1284  
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aagcctcctt ttgggatgtt gtttggatct cagccaggctc tttatttgtc tgctttggat 120  
gtacacatc agcagttgac accttcccag gagctggatg atctgataga ttctcagaag 180  
aacttagaga cttcatcagc cttccagtcc tcatctcaga aattgactag ccagaaggaa 240  
cagaaaaact tagagtcttc aacagggttt cagattccat ctcaggagtt agctagccag 300

<210> 1285  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1285  
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ggtactactc cgccagtgc cctggacagt aacaaaacat ataaagccc agcccaaacc 120  
ccgccaccat catagtgtgg gaattttgtc gtcctcgtgg atcttcatat cttgccacaa 180  
ggttcaaaca aagatacaag ctggttttct gaacagaaga aagaggaagt ctgtttactg 240  
ttaaaagaaa ccattgattc aagagttcag gactacttgg aagttcgcaa acagcacagg 300

<210> 1286  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1286  
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gcagaagtgg ggtctgcttt caggacttca ttccccccac tcgttccggc cccgcatgct 120  
ccacgtctgc cctttgggtc gagttaaaac tgcgatgctg aaaagtgcga gctctttcca 180  
cgaggaggag ccacacaggg tggcctccga ggggtgagtc ctctgctaag caagggcagt 240  
cgctgcacgt cagcccgcag gccaaagggtc cagcttatcc tgggtgctct gtgatcagaa 300

<210> 1287

<211> 292  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (292)  
 <223> n = A,T,C or G

<400> 1287

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ctttctctta cnnnnntnt atnntgngtt ntttttcttt nantcnnntt ttttttantt	180
tttttnncc nttgtttttt ntctctntn ttntntntt tntntttntt ttntntttt	240
gtttttntan tacttttttn tnttcttttt ntgtttattg gntttttgtt ct	292

<210> 1288  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1288

aattccgttg ctgtcggtga ccaaaaggaa agggcaacag caggagccct gttagtgtcg	60
ccagaacacc aggaagcctt gtgggaggcg tattgtccaa gatgatgcgt attgtccaaa	120
cgactcagaa gaagtcattt ctgaagggtt gatcataact tccctagcca tgttttacct	180
acagagaact tagttagaat ttatgagtac agtatgttaa attactttta gtgtacctta	240
ggcagtgtat ttgttttgat acagagacaa agactatatg atccctgaga cttgttgccct	300

<210> 1289  
 <211> 267  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (267)  
 <223> n = A,T,C or G

<400> 1289

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atcatttttg tgactggtac ttgaagtgca tcagatgatt aatttcatga taagagggtc	120
ttttggcgtg gtgaaataga cttttatgga aaatgggata cccacattaa gcagggtgac	180
tacctgttta ccatacaacc cacacaaagc caatacaact atggatgngc tttatatant	240
ctgntgcctc tgcaaacatt gaccgtg	267

<210> 1290  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1290

aattccgttg ctgtcgggac cactccagaa ttggccgctg gcggtatcat ggcgaccggg	60
aacccccctc cccaagacta tgaaagtgat gacgactctt atgaagtgtt ggatttaact	120
gagtatgcaa gaagacacca gtggtggaat cgagtgtttg gccacagttc gggacctatg	180
gtagaaaaat actcagtagc taccagatt gtaatgggtg gcgttactgg ctggtgtgca	240
ggatttctgt tccagaaagt tggaaaactt gcagcaactg cagtaggtgg tggctttctt	300

<210> 1291  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1291  
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 taaattatta aaactattct gtagctcata gcatctccag cagggtctaga gagttagcca 120  
 ggaataatgt cccaaaggtc acagccaagc cagcctggca gagccaccct ggacactgat 180  
 accactgttt gccaatgcca ttgatttggg ccctgggtgg tggcactaag ggctcactcc 240  
 cctaagcctc tggaaacagg atttggtgtg caccaccctc ccagggtgca tttttcttgg 300

<210> 1292  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1292  
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 acatagtggg catatctttg tttgaagttt gttgggtgact ccaccaaact ggtgtgaaaa 180  
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 attttactca gtttcaaact ttattagtct atttttaatt ataaaaccag aaagctacaa 300

<210> 1293  
 <211> 293  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(293)  
 <223> n = A,T,C or G

<400> 1293  
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 tttcaaacga gcccaggagg acatctctag acttcgcagg aagctggaga ccacagagaa 180  
 accagacaat gtacccaagt gtgatgagat tctgatggaa gagantaagg attacaangc 240  
 tcgctngacc tgnacgngct antccatgng taattgganc tngntattca tat 293

<210> 1294  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1294  
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 gtctgacaaa taacattcaa cttgtaggaa caagtgatag cagagcatcc tttctcagga 120  
 acaaggccca tcccctggtg agctgctcca ctggagtecc aggtccctaa cctgtggcct 180  
 aggtagacct taggatttgc ctactgatg ccaatgagtt gctgctgctt acttttgaaa 240  
 caaagtgttg gcatgttcca gctgctgcga ttcaattgcc tttcagacag tgtggtgccc 300

<210> 1295  
 <211> 284  
 <212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(284)

<223> n = A,T,C or G

<400> 1295

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ttgaactctc	tcaactctac	ctcaccattt	ctttatctca	aaattctgnc	ggctttgtna	180
naccnncgat	ntntntntg	nnncnancnn	ganncnnaa	ncanttacnt	nngntngccn	240
tgttntntc	tcnnnctcg	ncgttatntn	atccnnncac	atac		284

<210> 1296

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1296

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gcttttgagc	tctcacgatg	ggggaggagg	gggcgtttct	ggttcgcagc	tccagaggat	120
tgcggttcctt	ccccataacc	tgtccccac	agtcacgctc	tgccctgacg	tgacgattt	180
gacaagttac	ccctcgcga	catactactt	ccaccacgt	ccgagttaac	tttgttctta	240
accttcttga	gactaccctc	ggcctccagg	tcttttttct	ccagttcatt	tttgcccata	300

<210> 1297

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1297

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agccttgagg	gaattagaca	gattttctgt	tttgaatagc	caacacatgt	ttgaagtact	120
agctgccatg	aatcacgat	ctcttatact	cctggatgaa	tgacagtaagg	tggtcctaga	180
taatatccat	gggtgtcctt	taagaataat	gatcaacata	ttgcagtcct	gcaaagacct	240
ccagtagcat	aatttgatc	tcttcaagg	acttgacat	tatgtggctg	caactttcga	300

<210> 1298

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1298

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gtgcctggaa	tctcaaaggc	agaacaacca	agaaacccca	aacctaaagt	tgagcccctg	120
tgccaaggtc	aaaggcgaag	atgcaaagtc	ccaggatagg	gccttcacat	acaccagca	180
gatcctccag	gaggagctgt	gcctgtcagt	catcaccttg	ttccctggcg	ccccagtgg	240
tcttgtcctt	tgcaagaatg	gagatgaccg	acagcaatgg	acaaaaactg	gttccacat	300

<210> 1299

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1299

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gatactatt	atcttcaaag	cccaccatga	gtgtacagat	cagaaagtct	accaagctgt	120
gacagatgac	ctgccggccg	cctttgtgga	tggcaccacc	agtgggtggg	acagcgatgc	180
caagagcctg	cgtatcgtgg	aaagggagag	tggccactat	gtggagatgc	acgcccgtca	240
tatagggacc	acagtgtttg	tgcggcaggt	gggtcgctac	ctgacccttg	ccatccgtat	300

&lt;210&gt; 1300

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1300

aattccgttg	ctgtcgggtcc	cgggccagga	gggtcacaga	tgcaccacaa	ggcactctgt	60
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tgggagaagc	ctttagagtg	ggcgttgagc	aggccattag	ctcgtgccct	gaggaggtgc	180
atggggcgga	tgggctctcc	atggaaatta	tgtgggcgcg	aatggatgtg	gctctgcgct	240
cacctgggcg	aggacttctg	gccggtgccg	gggcactctg	catgaccctg	gcagaatcga	300

&lt;210&gt; 1301

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1301

aattccgttg	ctgtcgctga	agatcacaat	aaataaaaaca	gttgctgtca	atacaactcc	60
ccttattttc	tctcaagtca	cctggatcgt	cctgaccccg	ggaaccccg	ctgcagcacc	120
agggcccttc	cgtggagaaa	agatggagcc	ggattaagca	cccagtgtga	aggcgactaa	180
gacgccactg	cccgcaggcc	ctgccggaaa	atactcagag	agtgcagcag	gcgccgcgat	240
tccttagaaa	gtgctggcgt	ggcctctcct	gacacagaaa	gccggctcct	ggatgcttac	300

&lt;210&gt; 1302

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1302

aattccgttg	ctgtcgggtgc	gccagttcac	actccgggtc	agagtctctg	gcccgggtgca	60
cctgagaggt	cgctctccga	ctcccgcgct	ggaccctctt	gcgccattga	accccctgat	120
ccgggggctt	cggacccag	ggctcaggag	atggatccag	tccctggcgc	tcctacttcc	180
caactgctcc	tcctcccga	tcccacagt	acccggtcct	cacagcgggc	tgtgggtcca	240
atcagacttt	cccctcggat	tcctctctag	gactgaacca	agacttacc	gaagttgccg	300

&lt;210&gt; 1303

&lt;211&gt; 293

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(293)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1303

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ggaagcatgg	aggggaggaag	cagaattgcg	ggaccactgg	cgcantgnnn	ggatcangag	180

ctatacttct tccngaactg atcnntgntn cctgcatntt ntgcacnagg nnnnaggatn 240  
 ancttntaat anannctgnt gtnnntcctn agnnantnnn gttnngttcta agg 293

<210> 1304  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1304  
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 atccccctct tgattgtatc ttaattttct ggctttaagg cgacatctga gaggtaatgc 180  
 attctttttt atattgaaat cataaactat caccgcgtgc ttctctgagt tacttttaat 240  
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<210> 1305  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1305  
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 aacaccactt tatgtactga agcatgaaca gaaaaatcaa gagctgagca gaccacctcc 180  
 tttatgtagg caaaacttcc atcatttttg cttttgttct aaacagaact aaatgacatg 240  
 catagcatgg taacttacag atcgcttaat tggagtaaaa ctcagagtaa tagagggaaa 300

<210> 1306  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1306  
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 tgaccacacc gaaggagtgc ccaccagcaa gagacctgga gacatcccca attcctgcaa 180  
 gcagaatctg ggatgaacag tctgcatgcc tctcgccacc tgtcccaggg attccctgtt 240  
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<210> 1307  
 <211> 293  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(293)  
 <223> n = A,T,C or G

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 actaacttaa attgatanca ttgtngntga tatnnacaat naatattntt ccnaaacnnt 180  
 nanttnacan ntatantnna ntcnnnnnt nnatanntat ntatntntaa cnnttnnnngc 240  
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<210> 1308  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1308  
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 agggagagtg accattctag tctaaataac aaatatttga atggatgtgg agaaatatca 180  
 gtttcagaaa tgaatgaaaa gttcacaaact ctgtgttata ggaagtataa tgatgtctct 240  
 gatctttgca aattagaaaa taaacaatat tgtaggtggt ccaagaacca agatgacagt 300

<210> 1309  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1309  
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 caagaagaag cagaatagac acttcattgt tccagcttct cgttcaagc tcctgaaggg 180  
 agctgagcac ataacgactt acacgttcaa tactcacaaa gccagcata ccttctgtaa 240  
 gagatgtggc gttcagagct tctatactcc acgatcaaac cccggaggct tcggaattgc 300

<210> 1310  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1310  
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 gggttcttct gttgccctg cctgtgctgc acgtcctgct tcacagtgtg aagcgcaact 180  
 cttgctgtgc cttattgtaa caggatatagg gtggatgctg ccatcatgaa gagagaggag 240  
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<210> 1311  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1311  
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 ggtgccggct ggtcagcagg tcacctgcca ccaggccctt cacctgcaga tgggctccat 120  
 cgcctgtggc ctgctggtt aggtctaaagg gcagcccggt ctcctgcggg ttggagagct 180  
 catagcagga atgtctgggc ccaaccagtt ctcacaggct cctcaggaga cagagcctgg 240  
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<210> 1312  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)... (300)

<223> n = A,T,C or G

<400> 1312

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<211> 300

<212> DNA

<213> Homo sapiens

<400> 1313

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<400> 1314

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accacctct tcctggccag agaggcctc cgcagagcat gtctcagtg gggcacccag	240
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<211> 300

<212> DNA

<213> Homo sapiens

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tctgcagaaa ctagaggcac aaggcacgag gaatcacaaa gcaaacttaa gtgccgacat	240
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<211> 300

<212> DNA

<213> Homo sapiens

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<221> misc\_feature

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<223> n = A,T,C or G

<400> 1316



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aactcgttat	ttacttccac	taatgtctcc	tcccagttga	tgcccaggtc	tatcgagttt	240
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&lt;210&gt; 1317

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1317

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&lt;210&gt; 1318

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1318

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&lt;210&gt; 1319

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1319

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&lt;210&gt; 1320

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1320

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&lt;210&gt; 1321

&lt;211&gt; 270

<212> DNA  
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<223> n = A,T,C or G

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gcaggcgngg ggagganttc nctcttatgg ggntcatggg aacaggggng ggngngactt	180
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<212> DNA  
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<400> 1322

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gactaccgat tcaaccatca ctgcaaagac cacacagtct ctgggtgatga ggattactgt	180
cctcgcagta agaaagcaaa cttaggtaaa aatgcaagca tgaacacaca acatggaaca	240
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<212> DNA  
<213> Homo sapiens

<400> 1323

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cttctagttt tccctacccc tattgccttc atcctttttac ctccgatacct gtggagggat	180
gagctggagc cttgtggcac aatttgtgag gggctcttta tctccatggc attcaaactc	240
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<212> DNA  
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<400> 1324

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tgatgggtaa cctggttatg ttctgaaaag actcagttct caacatactc attcagagcc	240
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<212> DNA  
<213> Homo sapiens

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&lt;210&gt; 1326

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1326

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&lt;210&gt; 1327

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1327

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&lt;210&gt; 1328

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1328

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&lt;210&gt; 1329

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1329

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&lt;210&gt; 1330

<211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1330

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atcagctcat ctccgagaac tacagcgagg gcagtggcgt ggccccggag gacgttagtg	240
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<210> 1331  
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 <212> DNA  
 <213> Homo sapiens

<400> 1331

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 <212> DNA  
 <213> Homo sapiens

<400> 1332

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gtgggaagct tgcagattgt ttgcactgc cgtgtaatct gtgtgcttgt cactggggtc	180
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 <212> DNA  
 <213> Homo sapiens

<400> 1333

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tggagtggac acaacctgaa aaccaactgg actgagcatc cttctcctaa aatctcagcc	180
agaagccacg atggagggtc ctgggaaggg aagagatgtg aagatttctg tgattctaaa	240
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<210> 1334  
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 <212> DNA  
 <213> Homo sapiens

<400> 1334

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tacgtctact gggaggatca aggcagctga gaagaaggaa gcgtaatgta gaaagcaaca	180

gaaaaaagga aacggaactt cttggctctt tttctaaaaa tgaatcagtt cccgaagttg	240
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gttgatgctg gacaattcaa gaattcagac ttgaacctta aacctaggaa aagttacttt	240
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 <212> DNA  
 <213> Homo sapiens

&lt;400&gt; 1339

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&lt;210&gt; 1340

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1340

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aatttgggag ataatactat aaatatgccā ccattgagta ccatcgatcc tagtgggacg	180
cgatccaaaa atatgcctat taaagataat gctttggtta tgtttaatgg gaaagtctat	240
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&lt;210&gt; 1341

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1341

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cccaaatagt acattgtggt gagaggcctt ccacaccacc agagagacāā atcagaatgt	300

&lt;210&gt; 1342

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1342

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&lt;210&gt; 1343

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1343

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<210> 1345  
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<210> 1346  
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 agtcccttta atgtttttgc ttctaaattg taccttttgc ttctgatttc ttctccctg 180  
 ctgtttcctg cccatcagag aggcctgata caagcaagtt tgtttacatc cctggggaat 240  
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 <213> Homo sapiens

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 catttgagca gcatctagga gccttctggg aaaagatgga gaaaactaaa gacgttaggt 180

ttattgcaaa ccaatcaatc atactcactg atcacctact agaggaaacc tgtgataaca 240  
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<210> 1349

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1349

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 caaggaacaa taacaaagac actgtggagt gtcctaagag gcttgaggcg gtcataaaat 180  
 aaaactgtac ccatgaatgg atgaccatgt agatgggtca cctctccttg cgacctaaact 240  
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<210> 1350

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1350

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 tctctgcaat ggggtctccg aaaggagaag actgcagccc tgtgaccctg gaggtttgag 180  
 ctctcctatg ctgtctcaaa aaactgcctc cttctaggca agggcttcca aaccctcatc 240  
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<210> 1351

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1351

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 cgaattataa ttttaaagat tgtccataga aggataatca acagattcca ctccttttta 180  
 ctctttatgg gccatccacc ttatgcaatt cgggaagtga acataaacia attctgcagg 240  
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<210> 1352

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1352

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 gtaagggaagt aggattattg tagaaatatt attttacagt tcaagtttgt aaaacacagg 180  
 tgaaggtaat cgtttggtggg tctcttctc tgagatcacc aaattatctg tagactggtt 240  
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<210> 1353

<211> 300

<212> DNA

<213> Homo sapiens



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agatgtgaag cccaagccga ttgagatacc actcagtggg gaggtccaa agactgatat 180  
tcttgtggaa ttacctactt tcaactgaatc taaagagaac atggtggatc ttgcacctca 240  
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<212> DNA  
<213> Homo sapiens

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ataagagaac agggagtggg cacatatcta gcgcattgca atgggcataa atacctgaag 180  
ttacttgacc cgtggaagag cccttgacag ccatata 217

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<212> DNA  
<213> Homo sapiens

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gcatctaaag tttaaaaca aaggcttgac cattttacag gagctattga aaagcttact 180  
tcccaaatta gagatcagga agccaggttg tctgaaacaa tttcagcttc caatgccttg 240  
aaaagtcatt atgagaaaat tgtaatagaa aaaaccgaat tggaagtaca gattgaaaca 300

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<212> DNA  
<213> Homo sapiens

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gcatttgga gtcgttcttt gccaggagga aagtggaggaa aaaccagcaa taacaaaaca 240  
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<210> 1357  
<211> 288  
<212> DNA  
<213> Homo sapiens

<220>  
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<222> (1)... (288)  
<223> n = A,T,C or G

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atcctcatca acctgtatgg catgacggcc gtgctgtcgc ggnccatccg ntccatccgt 240  
attggctccg caaccacgac cagangtta cttgtncnan accttttg 288

<210> 1358

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1358

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tgtaagcccc acaaaattca aaatttatgt gcttttctga ccacttgctt tctagtggaa 180  
attttaagca tattagagga tatgtttctg tgggagctga tcagaatggg actaggagta 240  
caaaagaata tctaaaacta aaacacagct atatttcaga tcatactgct tcatcacatc 300

<210> 1359

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1359

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atactagaaa acaccagttc tgtggaacaa gaattacaga tcactacagg tagggaatca 180  
aaaagattaa aatcatctca gctgttggaa ccagcagttg aagaaactac taaaaaagaa 240  
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<210> 1360

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 1360

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ntgggnaana cagnaattgag ngggtnaagg cattngtctn aaaaatgng gggnnancct 180  
gtngnacttg aangnaatcn ttcntaatt ttncncnta aananggnat taatanccag 240  
cnccacncct gngaggaaaa attttgnaan gcccntntt tacgggaaaa tttaaaaaaa 300

<210> 1361

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1361

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ttctgagtat gtgattgtat caatgagggc tctttctgat gtaaatcttg agaaattcaa 180  
ccttagttgt ttttaagtaag taaaaagaag gtttattgat catctgattg aaaaacctaa 240  
ggcagggcta gctatagatg gttcacttgg gccagtttct tccccagcat cctccttcat 300

<210> 1362  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1362  
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 aatttacaaa ggacaatctt ggggtggaatt gcgtttgttg ccataaaagg agcatttaaa 180  
 gtttacttca aacagcagca atatttacga caggcacacc gcaaaattct gaattatcca 240  
 gaacaagaag aagcataaaa ctgacttctg gttgttctgc agttctctca tccttatgaa 300

<210> 1363  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1363  
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 ttggcaagcg tttagcagac tactgggtgcc tggatgatct gtaccgggag atgggtgagat 180  
 gctatgtgga aatcgttgag aagcttccag aacgccggcc agaccagct accattgaag 240  
 gctgtgctca gctaaagccc aataactacc ttctcgccctg gcacacaccg ttcaatgaat 300

<210> 1364  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1364  
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 aagctcatgc tcttggaaga aacagcccga ggagagccgc tgggccacat ctggccactg 180  
 tccgcagcgc tgtcagattg ctggggccac atctggccac tgtccacagt gctgtcagat 240  
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<210> 1365  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1365  
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 ctccagccct catgcctcgg aaggctacta ccgcctcatg atgagcctgc tgaaggacga 180  
 tgtgtactgt gagctggcgg agaggcacat ccaacagatt gtgctcttcc accaggcagg 240  
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<210> 1366  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1366  
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aaagttgaag gaaggaaatt ttttgtttcc tgtaatgttc agagtgttga tgagaagacc 180  
 ctatactcag aggcgacaag cttatttata aagctgaatc ctgctaaaag tctgacataa 240  
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<210> 1367

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1367

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 ccatattagc tcccaactcac ccccgcgtcg ggaagcctcg gccgtcacac ctgcagggcc 240  
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<210> 1368

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1368

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 tgtggcagcc ggtgagggca ccagggtggg cacattcctg ccacatcaga gctgcacccg 180  
 gtgcttttgc ccaagctttg accacacgtc tgtcctgcag gaaatgaacc tgctgggtag 240  
 atgcaccccc tgagacagcc caggtgtctc cagaggcagc cccgtctcag gcttcaggga 300

<210> 1369

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1369

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 gccctggttt ctgctcaact cggcgccgtg tctctgttcc ccaaagttct gtttctgttc 180  
 tgtgtgtccc cctccccctg ccccgtttt ctctttttta agagacaagg tctcggccgg 240  
 gcatgatggc tcacacctgt aatcccagca cttggggagg ctgaggcggg tggatcactg 300

<210> 1370

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1370

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 aaggttcagc tgaccctcgg acagacagag gtgaagattg acctgccgtt gccattgtg 180  
 gcctccaatc tgatgattga gtttgagac ttctatgaaa actaccaggc ctccacagag 240  
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<210> 1371

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1371  
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gcttcgtggc tttgagaaga cagtagagca ttttcaggaa ttaatgaagg ggagagatgg 180  
ctagaggaga gggtagaga gacttgagtt cttggctatg actatcaggt aaccaaataa 240  
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<210> 1372  
<211> 263  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(263)  
<223> n = A,T,C or G

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actaaggggc cagcaggact aaacacaaca tgggaccctg gactaggaaa ggggtggtgag 180  
tgggacggnc annnngggtg agagggacng aaccanggnn nnnngcnatg cnannacggn 240  
nnnnnnngcg ggnccnanaa nnc 263

<210> 1373  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1373  
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gcagtcccgc agtcctctca gccatgggcc acaccccggtg gtctcagacc ccgtgtttgt 180  
tttcatgccca ggagggcagct caggggaagggt caggagatgg ggtgttccca gtcatgccca 240  
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<210> 1374  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1374  
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taatagctaa agagccaagg atgaatttct tcaaatgact ttattctgtt agctttacat 180  
aggtgttgga ggattcctaa ggtgtcagca ttttgtaaag gtaccacaaa ggagaagttg 240  
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<210> 1375  
<211> 300  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(300)

<223> n = A,T,C or G

<400> 1375

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caaataagng tttacgnga aggaccttnt ntganntgnt ntttgtaaac nnnnnntnn	180
gntttntnc cggnnncna cnntnggncc cccttnanaa tnnncnntt nggttttnaa	240
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<210> 1376

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1376

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acctctttcc tatagaaatt gaagacactt aaataggaag aaaattaaaa tatacatttg	120
gatacatgag tattccagtc aaataatata tataaaatac cagatagagt ataaaagaca	180
actgaaggac aacagagtga tgaaaggact ttattaggca tttggatttg gttatgattt	240
aaatttcaat ttaattagaa cgtttccatg gcaaggaagg aagcatggag gactgtggaa	300

<210> 1377

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1377

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aaaataaaat aactttctac ctctaaattg aggccttagga gtaaaaagca ttttgtccta	180
aatttatcat ttaaaatagc atcagtaact tttgagctca tgtcaatcaa gcattggcag	240
tcagagattt tataggaag actaagtaaa tccagtttcc aagaacctaa actgattgag	300

<210> 1378

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1378

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tatgagccat ttcctgaggg ccaatttaat actcgtgtga ctcttcttag agttaccatc	180
tgctttaaatt ttcctctgtt tttcacattc ttggaaatat atcattgttt tgcaaatttc	240
tatatctaatt tcagggttta ccaggagctt aataattaat ggctacatag caaggcatcg	300

<210> 1379

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1379

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agaaacgaag gataccaaag gtcgttattt tatagtggaa gctgacataa aggagttcac	180
aactttgaaa gctgacaaga agtttcacgt gttactgaat attttacgac actgccggag	240
gctatcagag gtcgagggg gaggacttac tcgttatgtt ataacctgag tcccttgtga	300

<210> 1380  
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 <212> DNA  
 <213> Homo sapiens

<400> 1380  
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 aggaaaaata aatgataaca gctgataagg gcaggccatg aaaaaagagc agtcctagcc 180  
 accccagcac catcactggc aggctcccag gtgtaccctg catcacaaga gcttcccttc 240  
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<210> 1381  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1381  
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 ctttatattat ccaaatctct ccacagtgtt tgtttaaagg ggagcgctgg agagtaaaact 120  
 aaatcttaca atgagcatat ggatggctat aattgctgag gtttggtttt ttttttcata 180  
 tttgctaact cgctatatat aaaattgggt ttctatttta tagatttcac accctgaaaa 240  
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<210> 1382  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1382  
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 acatgtgcca caaaggatgg catggcccgg gagggtccca ccacgtggct ttcacccctc 180  
 gcaaagccag acttcgcccga gcgacacagt gtcaagccca cagctctcca aggaggaaga 240  
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<210> 1383  
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 <212> DNA  
 <213> Homo sapiens

<400> 1383  
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 tcatggtcct ggtgtcaaac actataaacc tttgaccagc tgagctgtga ctgctgtcac 180  
 atatctgagt cctgtgtgca cagtaatatc ctgggtcagg taaaatccag gtcttcaagt 240  
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<210> 1384  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1384  
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 ccaggacaat cagtatttct ggggaatgga gcctggcaca cacacatttc ttaaagctcc 120

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cttggcaatt ctgaggagt gattacatgt tgtatgtagc tcgtaacgaa agaaatcttg      180
tctttgtctt cagaccccca tttcttactc atctcatgag ctccttcgag atccagaaac      240
agttgcatat ttcattagta aatcagttcc agagtcacat tttatttcac aagttagtc      300

```

&lt;210&gt; 1385

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1385

```

aattccgttg ctgtcggtag tattgtaaaa atgtatctat atgttatcct acactaagcc      60
taagctttaa tgaggatatt ggtacctgac tgtcctgtac ttggagcatc tgtccacttt      120
tgaatacatg taacactttt atgctcctgt ccccatgggt tgatgaagta cttaatacct      180
tgaatgctat atttattatc aaattttgaa tgaaatcact agcctaaata caagttagat      240
gtttttgaaa ttttcatcac ctttgaaaca cctagtattt ctgcagaatt ggattgagga      300

```

&lt;210&gt; 1386

&lt;211&gt; 265

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(265)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1386

```

aattccgttg ctgtcgtctg gctagaacct cagtctagtg ttcaaaggag ctggcagaat      60
gggttgcttc ggcattggagg acccaaaagc agagctccct ggtgctttgg gggagagtga      120
agcccttcac tccactcctc attgcagacc agctttcctg gtattcatgc actgcttttt      180
gtaacgcctc aaatgaaagc cacagctcag ccaagtagaa gagagctcct aataaatgaa      240
ntcnggntgc ctttgaatnn ttnac                                          265

```

&lt;210&gt; 1387

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1387

```

aattccgttg ctgtcgattt cattgccctc tttagaaatt tgcttgatct tgggtcttgt      60
tcagggcaga aagagataat acaaggcttt ggtgatgctt agcatttttag aagaagtaat      120
gctgggtgga aatggatttg gcagtctcgt ttttcgcac attggaatgg gagtccctca      180
cagttggaga caggatgaag taacagagcg tggggatctg gattaacagg tggccattcg      240
cagaaaggag gctgcaaagc aagagggtggg ggcttctggc tgagcaggaa ggtgggagag      300

```

&lt;210&gt; 1388

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1388

```

aattccgttg ctgtcggttt ggtcttaggc taaaatccat gttttacgga gaattcaaga      60
aatttttaaa cttcaggtag aactgtgttt tttacaaatg tatagaaagc atagtgccta      120
atgcatggta gaaacatttc tttaaggatg accggatggt gccgtatgta tttatggcac      180
aagcaggtgt tgtctaagca gtttctctgt ttgcttgta tagcagcatt tggaaactca      240
aacatgcttt catttacata aatagtttat gaagctttga caacaaatgt aaacagacac      300

```



<210> 1389  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1389  
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 gcaaactaga gagccctgga gattggtagt aggggaaggga ggatagcagg aagtttgaaa 120  
 aattagcagc cccggggcct aaaggaatca gctgtcatca ttttcatcat tattattttg 180  
 gttaggatgg cttgaaaatc agaacgtatc ttggtttacg taattgaggt cttaaagaac 240  
 taagaacagt taaatagtca caactaccac cctctgactt acataatcat tgggtgtgggc 300

<210> 1390  
 <211> 287  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(287)  
 <223> n = A,T,C or G

<400> 1390  
 aattccgttg ctgtcgcatt gcactccagc ctgggcaata agagggaac tccgtctcaa 60  
 aaaaaaaaaag aaccntagtc gtcngggaan acnttantgc ananacntgt gagngganac 120  
 ctganggaan tgaanaggna aggagttgtg ctgatatnta ggaggaggan tnttccaggc 180  
 anacggaaaa nagggccaaa gtntttgagg aaggggcntg ttggccntgt tcacaggaca 240  
 gcgaggaggc caaagtgggn ggagcaaaga tcccaggggg agaggca 287

<210> 1391  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1391  
 aattccgttg ctgtcggccc cgagtcattt ctgaccaccc cgttctgtgt cctcactctt 60  
 gtccctgaat gggtcctctgt gtggatctca gtgtgtgtgt ggtttctcca ctctccccg 120  
 ctcatgtccc acacctgccca tattgaaccg tttctgcact aatcttctcc acgggcacgg 180  
 agtggaggga acgtcttggg aaaggggaga gcttgacctc catctagggt tcttttatct 240  
 ggagaaaaag aacacttttg aactatgtaa tgcttcgccc tgaaaggcaa gctaacgcta 300

<210> 1392  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1392  
 aattccgttg ctgtcgggtc tctgctgtca cagcctttgt taccttccga gccaccgaa 60  
 aacctctagt acagacaacc ccaagggttg ttataagtgt gttcctgcta atctataaaa 120  
 tcagctatgc cactggcatt gttggctaca tggctgtcat gtttaccctc tttggtctta 180  
 acttattatt caagatcaaa ccagaagatg ccatggactt tggcatctcc cttctcttct 240  
 atggcctcta ctatggagtt ctggaacggg actttgcaga aatgtgtgca gactacatgg 300

<210> 1393  
 <211> 300  
 <212> DNA

<213> Homo sapiens

<400> 1393

aattccggtg ctgtcgtata cctctttggt atgatactga taaattgtga tcttgcagtc	60
gatcactgat tttctgtggt cagaggattc attattagcc tcttcattgga ttctatcttc	120
tgaaaccctt tttcttttct tttcattgtg ataaaaaat cagcatatat gtgactaatc	180
taaattgagag attgattgtg tgagaccact gaaaacaagc atatgtgagt gattccatac	240
tgatttttgt tttaaaattg agcacgtttt aaaaattttg taaggctcgg cgtagtgggt	300

<210> 1394

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1394

aattccggtg ctgtcggggt gagagagatg gtgttctgga cacttcccct tgggtccatc	60
atccctgctc ctcccttctt tccctctccc tcccattgaa tggggggtt gatttgtttt	120
accctttaag tgggtcgaag atgtaaagct taacctcttc caaactagat gctttgaggt	180
tccagctgtc actgagaaca gcttggttagc tgggtgcagcg taccagcgtg cagaggcagc	240
attgttcagc tggagcctca ctgctggagc ctcatctacc agagggtctc tcccatactg	300

<210> 1395

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1395

aattccggtg ctgtcgggaa cactaatggc cctccctgga acagacacgg cgccccccca	60
cagaatagcc tcgatgcccc ctggaacagc ctcggtgccc cctggaacag cctcggtgcc	120
ccctggaaca gcctggtgct cctggaacag acacagcccc cccagaacag acacagcacc	180
ccctggaaca gcctggcgtc tccctggaatg gccacatccc cccatccttt ctgtgctgct	240
ttaggcatct gcccttacgt gggtcgtgct cagctctgct aacaaggcca gctccacaag	300

<210> 1396

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 1396

cacctcttgt tctttttgca ggatcctcgt attcgaattc cgttgctgtc gaagtttatg	60
tatattttta aatattatta aaggagggtt gaaagtattg acatttataa agtcaacact	120
tagattaaat ttagctggtg gttttaattt gggttttagt taagagtgtg aggacatcag	180
gaaaactgtt tactactttg gtttttagcag ctcatgttta ctattccata atgtgttatt	240
tttaaagtct tctttttaag atcacagtga tatectatct tcaaattttt taaatatgtt	300

<210> 1397

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1397

```

aattccgttg ctgtcgaaaa aagttaaata atcaaaaatc attcagaaga gagtacctta      60
aaagacccat atacctctga gaatttagaa tggtacaaaa ccgtatttca taccaatggg      120
gaaaggataa actcttcagt gacgaatatt agaaaaagtt agttatacat ttgaggaaaa      180
ctataaaagt accaataatg agtaggaaat cacttctgca gtatttttgg agcattttcc      240
ttaagcatga cataaaaagcc aaaggtcaca agggaaaaaa ctgatagatt tgtctgtgat      300

```

```

<210> 1398
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 1398
aattccgttg ctgtcggtca tgtggtttat taaatgtctt cagattccag agataagaca      60
aggtggccac ttcacaaaga atccagaatc atgctcagta aagctcatta aaagccactg      120
cagctgagaa gggtcacagc ccttctttat agccacagag gcagcacaca ggggagggtg      180
gaagacacag ggaacagaga gaagaaggat aatgaggcct tgagggtgttc tgcccccaat      240
ttcaaggagc ttatcaggct tcatgtgcaa tttggggagg ggagcttttt gatggtgggt      300

```

```

<210> 1399
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 1399
aattccgttg ctgtcgtgga ggcttactaa ccaggtaagc cttctatgca tccacaccaa      60
aatcctgcag aatgtaagta agctctgctt tataagatgg gttcaccttc atcgcagact      120
gaaagtttca gtttttattt ttttcagaaa gcacgaaaaa ttatttataa tagtctggag      180
aaaaaacaca ctgtaatatt tcaagtgtat gcagtagaat gtactgtaac tgagcccttt      240
cccacatgtc taggctccaa tgtctcctgt aggtccacct aactgtgtgt tttcagggac      300

```

```

<210> 1400
<211> 257
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(257)
<223> n = A,T,C or G

```

```

<400> 1400
aattccgttg ctgtcgaact ttctttgect ccctcccac agaagcacca gaccacctg      60
agccccagag cctcatgccg gcagctcctg getgttnctc acctgaggct agagcagcag      120
ctgncanctt atagatgggg cgtatgntan ttaatnctnt nnnannntcc tctnataang      180
tnngnttnnn nngngntntc ttttnaatac gatntgcncl nncatnntn annanntntt      240
atncnntnn atctnna

```

```

<210> 1401
<211> 266
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(266)
<223> n = A,T,C or G

```

<400> 1401  
aattccggtg ctgtcgact gaagttttgt tttagacact ttgggcttcg ctgattgaaa 60  
acaccacacc aactgaaaaa tcaactgtgaa aaagaacctg gtagtactgt caatatcaag 120  
taggattcat taattttctg acattactgg acaagatggg tctgtccatt cagaaagctc 180  
tttttctttc ttcttctttc ctaatacagt gaggcataca acgtagcctg ccttatgggt 240  
aannngcntg nngactttat nnttnc 266

<210> 1402  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1402  
aattccggtg ctgtcggctg cggccggttt ggcccttctt ttaggagag ttcatccgc 60  
cctgaaatct tccgatcgt taataactcc tcagggtccct gcctgcacag ggttttttct 120  
tagtttggtg cctaagagta caccaaatgt gacatccttt caccaatata gattacttca 180  
taccacattg tcaaggaaag gactagaaga attttttgat gacccaaaaa actgggggca 240  
agaaaaagta aaatctggag cagcatggac ctgtcagcaa ctaaggaaca aaagtaatga 300

<210> 1403  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1403  
aattccggtg ctgtcggcgg ccgcctctcc aagttcttgt ggcccccgcg gtgcggagta 60  
tggggcgctg atggccatgg agggctactg gcgcttcttg gcgctgctgg ggtcggcact 120  
gctcgtcggc ttctgtcgg tgatcttcgc cctcgtctgg gtctccact accgagaggg 180  
gcttggctgg gatgggagcg cactagagtt taactggcac ccagtgtca tggtcaccgg 240  
cttcgtcttc atccagggca tcgccatcat cgtctacaga ctgccgtgga cctggaaatg 300

<210> 1404  
<211> 209  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(209)  
<223> n = A,T,C or G

<400> 1404  
aattccggtg ctgtcggcct aagatttctt gtgggccaag gaattaatta ttccaatcag 60  
aaatggaggc cttacctcat ttgggcaaag attagtgcga gttattgaag atttactaat 120  
aaatgatctg ttaaggaatt tagttttttt tggatatggt gttttggtg nngaaaacta 180  
nggnatantt ataatagnta ttttttgaa 209

<210> 1405  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1405  
aattccggtg ctgtcggaat gatcaacttg ttaactattg ctgagatgct gtgtaagaag 60  
actgaacatt tgccatttgg tgatgtggaa gctgttgagc ttactaaat ggtttccacg 120  
gagtggaggg gaaaaggctt gtttgagtgg cctcaaatga aattgggaag agaggaaga 180

gacagtgtga gtataaatgg ttccttttgg aaattcagta caggagagca aagaattata 240  
gatcgagggg tataaggagg gtcaataaat ttttaagagag gatccattat tcatcagttc 300

<210> 1406  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1406  
aattccggtg ctgtcgggtt ggtttatata taatgagga agaagatgat tacattattt 60  
ttgtcacttt gccatcattg tttagaagtc atagaaagaa tttttaaata ggccaataag 120  
tcttaaactt gagtacttgg cttagaagaa agtcaaaact ccttcctttt tgactaagtg 180  
gtttgtttct ggggagctct taatttctat ttttataatc attagcctat aaggaaattg 240  
tgtcttcctt gttctcaggg tgatctgctg acctgtgtca ctcatagaagc atttgggtat 300

<210> 1407  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1407  
aattccggtg ctgtcgttct agttaagtaa agaagcagcc ccataagcat ttttgtttgt 60  
ccgtaattgg ccctattgca gaaagaaaga aagaaagtgt ccctcaaatg cgtgagacag 120  
catggcaggg taggggttaa cagatgagtt ctgagcaggg aaggtgaatg aagcaagtgg 180  
atccttgga agataaggta aagaaaggat gttagttgga aactagcaat caggaaggtc 240  
agctgctgcc tgggtctagg agagtggcag ggcagaggag ggcttggtctg gatattgtaa 300

<210> 1408  
<211> 293  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1) ... (293)  
<223> n = A,T,C or G

<400> 1408  
aattccggtg ctgtcgatgt gtctctggta cagaatagtt gatattaaca gaaaaaaaaa 60  
aatctgtagc ttcataaata tgccactctg ttaatttctt gttccagaca ttttaataga 120  
gattgcttga gccatgttgt ttgaattgct gccaatagca gaccatatcc ctatcatggt 180  
gttggctcaa ctgttttttt ttttcntaa tanaaaanga gtatcnntgg gtngntnagg 240  
ctggcnttna actcngggc tnaagctatc ctcngcctn ggctcccaa agt 293

<210> 1409  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1409  
aattccggtg ctgtcgaaat catcccaaac aacgcattat taccatatac atcaggatat 60  
taggagccca atatagtgat ccagattgag atcctcttct ttttgtatgt gtctggattt 120  
tgtttgctag ggttttcagg atttttgtgt atatatgcat gagatactca tctgtagttt 180  
tcttgatgat tctttgtttg gttttggtat cagggtaata ctgcctcaa agaagagtt 240  
gggaaatggt tccttctctt ctgttttttg gaagagtttg tgaagaattg atcattcttt 300

<210> 1410  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1410  
 aattccggtt ctgtcgtctt ccgcagtgag aacctgcctt ggctcccctc ccctcaagga 60  
 gttcatagcc gtgggaggga gggagacaag aactgttgga gacaagaact gttagagacc 120  
 agagagcaag ggcgtgatgt ggtctgcagg gaggaggctg tctgaggcag aaccgggtca 180  
 gggaggccat ggtgcgggta ccctccaggc acggcatttg gcctgacttt tgaggggtgc 240  
 ccagggttgg ctacatggcg gggcggaggt atcttttagtg ggggaacagc gttgtgccac 300

<210> 1411  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1411  
 aattccggtt ctgtcgtaaa aataaaataa aaaataaatg tgggcaaaaa tgtgcagtgt 60  
 gcagattcag catcagatac gtctggagtg cctcgggcat attcattgct actgttgatt 120  
 tcgtgctcct gtttctgccc taaatgtgtg ccacactgac gaccacagtg tagccctag 180  
 tcccgtctcc atctaatttc tccctcatcc taaaggctca gtctccagaa caaatcctac 240  
 attgtctacc tgtcacctct gtcttagccc aggacacccc ccactccctg gacacctgct 300

<210> 1412  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1412  
 aattccggtt ctgtcgaaca atttttagag aagaagaaag agaataaaag actgaaaagg 60  
 aaacagaagg ctcttgctga agaggccagt gaagaggaaac ttccctctga tgttgatttg 120  
 aatgacccat actttgctga agaagttaaa caaataggta taaataaaaa atcggtaaaa 180  
 tctgcaaaa atggcacatc tccagaagaa gaaattgaaa tagaaagaca aaaggctgaa 240  
 atggccttgc ttatgatgga tgaggacgag gacagtaaga aacacttcaa ttacaacaag 300

<210> 1413  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1413  
 aattccggtt ctgtcggaaa catgaaaaag aaaatgaaga attcacaggg caactaaaag 60  
 tggctaaaga tgttgaaaaa ctcatggac aagtggaaat ctgggaggca gaagccaaat 120  
 ctgttttggg tcaagatgat gtggacacct caatggaaga atctttgaag catcttattg 180  
 ccaaaggctc tatgtttgat gagcttatgg caagaagtga agatatgtta caaatggata 240  
 taaaaaatat ttcaagccag gagtcctttc aacatgttct cacaactggg cttcaggcaa 300

<210> 1414  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1414  
 aattccggtt ctgtcggtag actgagatca gtgtgtaggg gtgaagcaag gagtcctact 60  
 ctgtttgact aaggtaaaaa ttaagaatca gtgagaaatg gaatttgcaa aagtgcctgc 120

cagataatgt tagaactgga ccagaaaata ggagttggta taaaactaga ccagcgagct	180
ttttttcctt caagatgcag ttcagtttat tgcttttgta aattagagat tgtgtttctt	240
gatctttatt aaagtagaat acaatgttaa cctacttcaa attttaaaaa atatacacac	300

&lt;210&gt; 1415

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1415

aattccggtt ctgtcgggtt tgtacgcacc gttttctctc tgtgctatgg gagatgtcaa	60
ggaatcaaag atgcaaataa caccagaaac tccaggaagg atccctgttt taaatccttt	120
tgaaagtcct agtgattatt ctaatctcca tgaacaaact ctgccagtc cttctgtttt	180
taaatcaaca aaattaccaa atagataaag atgtggaaga caaaagacaa aaagccattg	240
aagagttttt cactaaagat gtcacgtac cctctccttg gactgatcat gaagggaac	300

&lt;210&gt; 1416

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1416

aattccggtt ctgtcatgct gaggttggtt aacaggcccc atgtagctgt cccacattg	60
gggtttgctt tctacttccc aggtgtttct cagcgtgaga gtttagtttg ctttgtgctg	120
ctggacaggt tcctgcagaa tggcctgttg tacgagtttt aagaatttaa atcccattac	180
acagccctga cttcttattt gctagttctt tccatcattc atttatttta tccacttgga	240
gttagtctgt ggctgccatg tgtttgtcag gtggcagagg atgagagatg gatgaaaagg	300

&lt;210&gt; 1417

&lt;211&gt; 289

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(289)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1417

aattccggtt ctgtcggcaa gctcgggggt caaacgaaa catgcaattc actaaaatct	60
ttcaggaaaa aatgacttta aatactgtca tcataatccc actttgtacc tccttctctt	120
ttcatatcca tgctcaagtg gaagttaaca aatccctgcc cccagagagc tgcccaaagc	180
atcacgtttt agaaactgtc ccagaatttc caaactcatc caaaagcaag tgacatcaag	240
tcagatattc ttggtgctag aaactcagaa aaaaaaaaaa ngggggggtc	289

&lt;210&gt; 1418

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1418

aattccggtt ctgtcgaaaa catattagaa ctaacaaact tacaatggac atttaatagt	60
ggttttcctt tctattctat tttttaaaat gtaaattggag taaatgataa aatgtagact	120
gaatttatca taaagacatt ttcttttggt atactgcaag gaactatgaa ctttttagtaa	180
ctactataag caactgacag gaaaaaatgg caacagaaga aggaaagagg agagaatggg	240
gagcagacac taagggttag tgaaaggagg aaaatgaagg ctaagtctaa tgatgtgaat	300

<210> 1419  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1419  
 aattccggtg ctgtcggctg aaaatgaaag cagacctaga agaagtccaa agtgcacctt 60  
 acaacaaaga gatggaatgc cttagaatga ctgatgaagt cgaacgaacc caaacttttg 120  
 agtctaaagc attccaggaa aaagaacaac tgagatcaaa gctggaagaa atgtatgaag 180  
 aaagagagag aacatcccag gagatggaaa tgtaaaggaa gcaggtggag tgtcttgctg 240  
 aggaaaatgg aaagtggta ggtcacccaa aattttgcat cagaagattc agtcctagt 300

<210> 1420  
 <211> 263  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(263)  
 <223> n = A,T,C or G

<400> 1420  
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 gcttttttta atttaaatta ttactacact ttattactac acttgcagaa aagaacatg 120  
 ttaaaatcat ggcacacctg cagaatttna tatgacagag tgnncanac atgtattcnt 180  
 gnnntanana tancntntt ncnctacntc ttntntttcc tnanannata tctantant 240  
 ntnagtctn tnnttcnana aat 263

<210> 1421  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1421  
 aattccggtg ctgtcgcagc cacaagctc ctgcccattg ggcgctctga ggggcagact 60  
 gcctgttggc ggagtccttg ggggtggaaa tggtagggtc actgtgatgc cactttgctt 120  
 agtcatcggc cacagggtca cctggagaag agcatgagct cagcataaaa gcaaggccca 180  
 ccctgcaggg gccagcagct gggagctgtc cactaaccac tatccttgca gctggacagc 240  
 gagggccctc caaaaggccg tctccacctg ccaccgggaa aggaccggga gcgaaggatg 300

<210> 1422  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1422  
 aattccggtg ctgtcgatta tagccttcta taaaacttat aaaacttgct tgtaaaattc 60  
 catatagaga ttgcaactga gagttggctg taaaactaaa aatattgttg ggaacagagc 120  
 aggtcaaaac tcccatgatt gatctaataa tggaattata ctggtaaaaa gccactgcac 180  
 ttcagcctgg gcaacatggc aagactctgt ctctaataaag agacaaaaca gcataaaaat 240  
 atgcttgata taaactctag ccctcttcta gttatttggt catttgata ttttcatttc 300

<210> 1423  
 <211> 274  
 <212> DNA



&lt;213&gt; Homo sapiens

&lt;400&gt; 1423

aattccggtg ctgtcgagac tttgatgggt atgaatggaa ccaagttact gagttagagc	60
attttctaata taaatatgaa ataggagctg aaggcataat ttattgatta gaatgacaga	120
aaatgttttt atgctgtaca tgccttttga acatttttca aaatacttgt aactttgaag	180
aaagtgtgta tattgttaga aggctgtaag gagagcaggt ctctgctctg gtggtgattt	240
tactcaagag gggatgtgaa ttttatatt tttg	274

&lt;210&gt; 1424

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1424

aattccggtg ctgtcggaga aacccaacac atgtaaggaa gattagaatg tatgcaattt	60
tcctagtccc cttctaaaac ttagaaggac ccgtcctggg aaagaacgac ataaaatac	120
aaaaatgtgt tagaacactt ttttttcca gccgctttca aatataattt tatcagtggt	180
tcattgttaa agaaggtgtc tatactttag attttcagtt ttttgcaggg aatcatggag	240
ctgagaattt cacagatact ttataagcca tagtacatga gcttaatagg ctgtgttttg	300

&lt;210&gt; 1425

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1425

aattccggtg ctgtcgatta tatgccacct gggttttacag ttagtctctt tatcaggtag	60
gtttgttctg agatgtatag taatgatgac tttcttcttc gcccaagtat tttgtgtacc	120
ttagaccagt ttagcaaatg aagtccaaga actatttgaa taagtcattc ttagaaaata	180
acttttaggaa gcaactgact ccattcatgt gtatgcctct aattgtaggt tcacttctgt	240
ccgaatatga attttttaaa taatttttagc attatattag caatttgcaa tataccattt	300

&lt;210&gt; 1426

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1426

aattccggtg ctgtcgcaaa aggggaaaaa agtccagggtc agcataagtc attttgtgta	60
tttctactgaa gttataagggt ttttataaat gttcttttgaa ggggaaaagg cacaagccaa	120
tttttcttat gatcaaaaaa ttctttcttt cctctgagtg agagttatct atatctgagg	180
ctaaagttaa ccttgcttta ataaataatt tgccacatca ttgcagaaga ggtatcctca	240
tgctgggggt aatagaatat gtcagtttat cacttgctgc ttatttagct ttaaaataaa	300

&lt;210&gt; 1427

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1427

aattccggtg ctgtcgctgt cagcggttta gctgatgaag aattccttcc cttcaaagaa	60
aatacatttg acctggtggt tagcagttta agtttgcatt gggatgaatga ctttcttaga	120
gcacttgagc agattcatta ttttttaaaa ccagatggag tgtttatcgg tgcaatgttt	180
ggagggcaca cactctatga acttcggtgt tccttacagt tagcggaaac ggaaaggga	240
ggaggatttt ctccacacat ttctcctttc actgctgtca atgacctggg acatctgctt	300

<210> 1428  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1428  
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 gtgggtgaagt tgtgagaatg aaactgaagt gggttcaaga aagaacgaga ggagagaaag 120  
 tggagtttga gtataaataa ctcttttga gaggattggt gtaattgaat ggcaggggta 180  
 tgagatttga ggtcaaggaa atatttttat tattttttac gatgagagaa attgtagtac 240  
 acatgtatat ttatgggaat gactcagtag aaagaccaa aatttcatat gtgagagaag 300

<210> 1429  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1429  
 aattccgttg ctgtcggcag aggggagaag gtgtcccagg aggagccttc ctggagggga 60  
 tgatagtcca gcatgttctg aagtgggagt aggggtgcggc aggagtaggg taccagagaa 120  
 tgagtgaagtc aggcagcagc ctccactgcg ccttggacac aggtggctga cagtgtccac 180  
 ctggactggc tttgcacccc ttctgaggtc acagtgtgt cccttgaaaa cttgggcagg 240  
 agcacctgac tggccagct tgggtcatcc ctaggcccag cagtgcggga ggccaggaaa 300

<210> 1430  
 <211> 270  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)... (270)  
 <223> n = A,T,C or G

<400> 1430  
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 tgggatgtgt gatttcagct cctgtcacct catgcaaggc cgtggagacc agtagaggtg 180  
 tggaggccag gcagagagag gagcctgttc tgaggggtgc ccannntnat ggnccactgtc 240  
 cnttcannta gcctgnctan gnccctgag 270

<210> 1431  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1431  
 aattccgttg ctgtcggtaa tgtttcactt cttgaaccat gtaccaaatt tgccaatttt 60  
 ctgtccaagt gtttcagatg aataacaaaa cgctgttcat tgaagctttc gccacctttc 120  
 ttaaagcagc gtatgttcca agggaaaaag gcattgaaaa gcaatcgttt gtttttatga 180  
 agaatagggtg ttcagattcc ttcagttttt ttgaaattag aaatttctta ccttatgtga 240  
 aatattcaca aacgtgcaca cttctgcaga gacaaagcat ttcactgcac gtgtaccagg 300

<210> 1432  
 <211> 300  
 <212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 1432

aattccgcttg	ctgtcgaagg	aattctgtgg	ctgtgctgcg	tttcagaaaa	taacccccag	60
aggccttggg	ctgtggacct	gggggttggg	aggatggggg	ctcatttaac	cctcagaggc	120
agcgcttttg	tctgtctatc	tgggtgacaag	agagagacaa	gtaaatgggg	gccgttggga	180
cggcgggtgc	ctggagggca	gctctgggct	catcgggcag	tgcttagagc	acaggcccct	240
ctggtggggg	atggggagga	gagcagtctg	cccttgggan	cgtatgcccc	anggagactt	300

<210> 1433

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1433

aattccgcttg	ctgtcgggct	gactcctgct	tttttgaggg	gtttaacttc	tctctcagct	60
agaaggtttag	gcattgcaaa	taccagtggg	taattttttt	cttagcttta	accccagccc	120
atttcaaccc	cctctttgcc	ctttgtatat	tcttttgaaa	atatgatcca	gtagtgttta	180
tgaatgtgtg	ttgtgtaaaa	tttagagatt	gatgttaaac	aacagaatta	aaggacaaag	240
ctgtcttttt	tggttgaatt	ggggatggga	gagcagctca	aagtgggaaa	tatggagaaa	300

<210> 1434

<211> 299

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(299)

<223> n = A,T,C or G

<400> 1434

aattccgcttg	ctgtcgcttt	ttacaaagaa	aaatggaaaa	actttgtatg	gtagcttcat	60
gttgaagtgg	ttttttgttt	ttgtttttgt	ttttttaatt	tgtaaaatct	ggaaagttag	120
cttgttctaa	taggggctat	gctctgcaat	tccctttttt	tttttttttt	ncntnccnncn	180
aagcnaaaacc	ntnannaaan	nntngngggn	tnnaanggng	ggccgnnttt	tccnccngtn	240
ggnatnnnan	ntaaggggnc	nnngnaaaac	caaancnct	ngaaaaancnn	nggagggcc	299

<210> 1435

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1435

aattccgcttg	ctgtcgggta	ctgtgaatgg	agagcttcag	ctaagaggag	gctctgtccc	60
ttttcagagc	caaaggaaat	aatacaacaa	aaaggaggct	tctttggaga	cctaagtcta	120
ttggatgtaa	acaagacgtt	gtatttaggg	atgttctgtg	tttctttctt	ttttgaagtt	180
gtcatcaatt	gctttactaa	gatttttaaa	tagtgaaaac	ctcctgttta	gactttgggtg	240
gaagatgaat	caaggaagca	gggcctgtc	ttatgggtca	cgtgtctttg	gtgagtgaga	300

<210> 1436

<211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1436

aattccgttg ctgtcgattt tatatgtttt ctectatatt tcttgttttc atccaggact	60
actagattcc agtaagaata aaattaaaca ttagagggtt gtcttccatg ttgtttaaga	120
aaattagttt ccttttttaa ataattacta atatttgaag attatgaatc ataaattaat	180
cacaagtgcc atacctatta ttttagaagc aattgagcaa tataaatggt cttcagtttt	240
accagttcct gatctgtagt aaattccagg ggtggtgggg tctgtgaaat aatgaagaaa	300

<210> 1437  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1437

aattccgttg ctgtcgggtca aatttcatca ggtaagaagt gctaaagtga acctgtaaac	60
tttgtttcaa aaaacaaaaa ccgaagttta agaaatctaa agatgggtgc agccttagac	120
agatctctgg actgtaatct gggaaagggtc aaataagatc tccaatcgtg tacaattcca	180
aatacatttg agagcagtggt gtctgaaaat gtgggttcca gaccagcagc atcaacacca	240
tgaaggaagt tgttaaaaat gcaaattctc aggcctctccc ctgtgcttta ataaagtttc	300

<210> 1438  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1438

aattccgttg ctgtcgcaaa aagggtacagt gattcagcca ttccatttg tcatttgttt	60
caaccttttt taagttgagt gtttttattt ctgcagttat tagttggatc ctccacatct	120
tgcataatata catggggtca attattatgt ttgtcaggat aatcaaatga aaatactagt	180
tcagtgatca gcattgaaatg gttgttaggc agccatgtgc tcaacactga ttccacctct	240
tgagtataaa ctttttaaat tttaaattggt ttacatgaaa gtggattaaa aggcctttca	300

<210> 1439  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 1439

aattccgttg ctgtcggaga gtggaggcca gagaagacca aagctgagga atgcgacctc	60
aggatttcct tctttctggg gatagttctc tttaggagga agaggagtta gccctcact	120
tgttatccc tctctatgc tctggagttc ctctccaccc ttgccccac cccacattgc	180
cccctctgc tgggtcagtg cctggccagc tcaggcagct tgcgtcacag taaggtaaag	240
ccagaatgag nattangnct gagcganant gnaaaagcca ttccntgac cctaccacc	300

<210> 1440  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1440  
 aattccggtg ctgtcgcttt tttggcaagg aggacaaata cgcaatggtg gaaaaccttg 60  
 gatggatatac ttctctttaa aaaaatgtaa agataatttg gtcttgaggg tttaaacggg 120  
 tgataatgcc tctacaacaa caagaaaaaa gataaaatac taggatagaa tcatgggtggg 180  
 cacagtggct tctcaggagg ctgaggaggg aggtttgctt gagtccagga gttggagacc 240  
 agcccaggca acatagcgta aaccctatct ctaaaacaat ttttagccag gtgcggtggc 300

<210> 1441  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1441  
 aattccggtg ctgtcgtcag atttctgatt tgaaaagaat gatttcaaaa cttgaagctc 60  
 aggtcaagca agtagaacat gaaaatatgt taagccttcg tcataattct agaattcacg 120  
 tgagaccctc gcgtgccaac aactagcaa cttcagacgt cagcaggcgg aaatggctga 180  
 ttccagggtgc agagtattcc atctttactg gccagcctct ggacaccag gacagtaacg 240  
 tggataacca gctggaggaa acctgtagcc tagggcaccg ttcacctctg gaaaaggatt 300

<210> 1442  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1442  
 aattccggtg ctgtcgaccc caaccctctc tcatgttcag tctgtctaata acatgccaga 60  
 gatttttttt tcaaaaagtg ctttatccct acaatgtact gacagttctt acagttgaga 120  
 tttgttcttt tcagctattg cttgtgaaaa aaagcaagac tatgtcactc tatagaaggc 180  
 tgtaaagtg actcaggcag gaattaatta ttctgtacct aagggggttac ttgtttaatg 240  
 ggatggcatt gactttttga aaatcaagtg gactgagtca ttgataaaac atttctaaga 300

<210> 1443  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1443  
 aattccggtg ctgtcgact gaatgactta aggctcgaca aatgatattc ttggaaagtt 60  
 taatcttgag gttttcaaat cttttttttt aatgtctccc atgtttctca tttgctgatt 120  
 gattcattag ttgctcttag taagatttgt cagttggaaa taatgaaggc tgagactcat 180  
 ttctaaactc ttccataacc atcaccagaa gagcagccac tgtgttgtgt gatgtaggct 240  
 aatgcctccc agatagaggt aaagtcacaa ggactattag aattccagtg gattgtggaa 300

<210> 1444  
 <211> 245  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(245)  
 <223> n = A,T,C or G

<400> 1444  
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 gcattccaga aactgttgat tgttgttcta gaaagtggta aaatagctgt ggagtacaga 120

cccagtgaag acatcgtagg tgtcagatgc gaagaagaac tacacggttt aattcaagtc 180  
 ccttgctctc cctggaagca gtatggccaa gaggaggaag ggtatctctc ggatttcanc 240  
 ttgna 245

<210> 1445  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1445  
 aattccgttg ctgtcgatac cacctccttg cttggtatct tttacaaaat gttatacttt 60  
 atggatataa aggtgataaa gattggaaat aaatcttcta aatatgtaaa atgaaagcaa 120  
 cagcaacagc aaacacaatt atcgtattct ttgggagtaa caaatactgg ttttcatttt 180  
 aaaactaagg aaaattttat cagtacttaa attcaatcca aaaaagggtt tataacaccc 240  
 aaactgtaca tttaaaatta tgctttctta aggtaatggc tagcattacc tagttttag 300

<210> 1446  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1446  
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 tatctatcct atgttaaatg gtttgttttt acaaaataat acctattttt aattgaaacg 180  
 tttatgcttt tgccaacaca tcttgtaact taatatacta gatgttaagg ttgttaatgt 240  
 acaaaaaaaaa aacccttata ctcacctgcy tttccatttg tttgacattt gtctattatt 300

<210> 1447  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1447  
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 aaaactaacc ctcttttttaa gaggagattt aaggaagacg tcaatcaaaa tgtcaaatat 120  
 gtgtgtcaga atataaataa tttttcacat tgtattgttg ctatataaaa aaaataaatag 180  
 aattgggttg gtttctgagg tgaaatccag agtaagagta ctagacagtt caacaagcca 240  
 catctaattg cacagataga ggatgtagct attttatacc tttcataaca tttgagagta 300

<210> 1448  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1448  
 aattccgttg ctgtcgacta ttaactaggc ttcagtatat cagtgtttat ttcattgtgt 60  
 taaatgtata ctgtgaaata aaatagctgc aaacctagtt aatagtagtg taacaatatg 120  
 catcattttg atgattacat tatttttaaac acaaaactac actgaaaaat taatgccgat 180  
 aaaattctgg ggggtgggaag gtaggatgtg gagtgcacatg gttctatcct ttacttatga 240  
 gactcagaaa tatatctaca aagccagatg ctctgtcttc atatttgcag acatctagac 300

<210> 1449  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (300)  
 <223> n = A,T,C or G

<400> 1449  
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 tatttgtaga gtgttacgag tgtatcatgt gattatgctt taccgggtata agagattctg 180  
 ttgngattat ttgaatagtt ntatattaat anaagaagac aaaanttttt aaatgttana 240  
 aaaagcngat ctgtcattgc tnngtatcnt aaantttang cttttatcna tgtatatattt 300

<210> 1450  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1450  
 aattccggtg ctgtcggctg ttcaacatta cttaatgact tgaaaatatt ttttattagt 60  
 tgtagaaaaac tcaacaattt tcaaatattg ctttggtctac attcaccttc attcctctgg 120  
 gattccactt aacatttatt aggtcttttt gcttaattcc ctatgtctct tctatacttt 180  
 cctgtatttt ctactcttgt gtctcccttc actccaagaa tttacttctt ttttggttgt 240  
 ttgtttgttt ttgagacagg gtcttgctct gtcgccagg ctggagtgca gtggcatgat 300

<210> 1451  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1451  
 aattccggtg ctgtcggaaa cctcaacaga cactgccgta acgaatgaat gggagaagag 60  
 gctttccacc tcccccggtg gactggccgc caggcaggag gatgccccca tgatcgaacc 120  
 acttgctcct gaagagaaaa tggaaaccaa gacggagtcc agtggaatag agacggaacc 180  
 caccgtgcac cacctgccgc ttagcactga gaaggtggtg caggagaccg tgttggtgga 240  
 ggagcggcgt gtggtgcacg cgagtgggga tgcttcttac tcggcgggag acagcgggga 300

<210> 1452  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1452  
 aattccggtg ctgtcgggtc cacccccacc tcgccggagt ccggggcggc cccggtgtcc 60  
 cctccgagcc tgctgcactc cacgtcccc taccagggct ccagccccca gggaaatctc 120  
 cgaccaggcc cgcccaggag ccagatccag gtcctggaa gaaccatgtc cggcagctac 180  
 tgggtcatgcc aggcacacac tgctgcccga gaggagctgc tgtttgaatt atctgtgaat 240  
 gttgggaaga ggaatgccag agctgccggc tgaaaattac ccaaccaaga gaaatctgca 300

<210> 1453  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (300)

<223> n = A,T,C or G

<400> 1453

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caacaatatg	catcatagaa	atttagaaaa	cagaagaaaa	gtcactacag	tcctaccact	120
cttactgtta	cggatattaga	aatatatata	gtggatagcc	ataagtataa	atgatcncat	180
atagcatgtn	ttttataaaa	attggtttat	actgtacatt	ctatcttggtg	angngatggn	240
tttcacntgc	cactgtatca	tgcccatttc	cctctntctg	ctgtctgtat	tcttcttgat	300

<210> 1454

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1454

aattccggtg	ctgtcgggaa	aactacaggt	gttgtccaag	ctcttagcgg	ttatccacga	60
acttcgacct	actgaaaagg	tggtgttggt	atccgactat	acacaaacct	tgaacatttt	120
acaagaagta	tgtaagcgtc	atggatatgc	ttatacaaga	cttgatggac	aaacaccaat	180
ctctcaaagg	cagcagattg	ttgatggcct	taacagtcaa	cactcttctt	tttttatttt	240
tttggttaagt	tcaaaagctg	gtggtgtagg	acttaacctc	attggaggat	ctcacttaat	300

<210> 1455

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1455

aattccggtg	ctgtcggcaa	aatagtattt	tctattactg	tgccaggggaa	agggatggat	60
cgatacatgc	aaatttaattg	tagtaactca	cttttccata	tattttgaat	gtatatattct	120
atztatgata	ccaatttata	aaaaataatt	acacagaaaa	aatggaatag	gaaaaattat	180
gcatctagca	catttaaact	gtgcaaatat	gaaaattttt	cgaggattac	attttatctg	240
aaggctgcat	attttaactg	gctttaaaac	tgtaacacat	cacataaaag	atactttacc	300

<210> 1456

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1456

aattccggtg	ctgtcgaaga	aaatttttcta	tgattataat	attccaagta	agttttctctt	60
ttgagatcat	ttgtctattg	taggaagtca	ggtaaaataag	tttagtttta	aaaaacaaaa	120
atctctcaaa	tcaggattct	ttctgaccct	ttaatctcag	ataatgataa	tagagtatta	180
tttcaaggat	tccccttcta	gcacaatctt	gctcaagatc	aggccaagaa	tatagacagg	240
ttcagtaaac	cacaagtgtc	ctaaacctgc	ttgaacctat	gtaagaactg	agcagtgggg	300

<210> 1457

<211> 297

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (297)

<223> n = A,T,C or G

<400> 1457



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aattccggtg ctgtcggtag agacgggttt ctccatgttg gccaaagctgg tcttgaactc      60
ctgacctcaa gtgaccacc tgcctcagcc tcccaaaatg ctgggcttac aggtgtgagc      120
tactgcgcca ggcctaatat cttttttttt tttnnaaana aagnntngtt tngggcccag      180
nnngaagtgn agggggnaaa tttnggntaa tngaaccntc ngcntccnng gttaaaaaaa      240
ttttcnngcn taaccntcnn ganaannngg aannacgggn tngcccnaca accccaa      297

```

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<210> 1458
<211> 300
<212> DNA
<213> Homo sapiens

```

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<220>
<221> misc_feature
<222> (1)...(300)
<223> n = A,T,C or G

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<400> 1458
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tgttgatgat gaatatattg attgctatct cagggcgaaa tctcaaaagt ttgtgttgcc      120
cttttaggaa tttcacagtt tatattgacc tataaccaag aggcagggtc attatgttta      180
attgcattaa aagataaaaag aagtagacaa attgaaagga aaaagagccc agagattggt      240
acctttttat caagcnacan catgccacaa actttgcata cataaaaaat aataacctga      300

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```

<210> 1459
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 1459
aattccggtg ctgtcgtctt acttttaacc agtctcataa aatgcctggg gttcataggt      60
gaagctggat tggtgcagga attctgcaat tgttggcaaa gcgaaggcca gtttgactcc      120
ttaattataa agttggatgt catttgagaa actctgggaa ttggaagtag aacaaattca      180
tactttccct ataactttta atttctgttc atacattcag aaaacaagag atgtaaaatt      240
cataaaactg cttgtataaa ttcagaaaac gggattataa aagcaaagac aaattgtctt      300

```

```

<210> 1460
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 1460
aattccggtg ctgtcgatat aaccagaggaa cgtgacagtc ttatgtgttt ggcaaaatgt      60
ttagaaagtg agaaggatgg agtgcttaat aaagtcataa aaagcaacat tcgcctggga      120
aagtttagagg aaaaagtcaa gggctacaag aagcaggcag cactgaagct gggggacatc      180
agtcaccgtc tgctggagca gcaggaggac ttcgccggca agacagccca gtaccggcag      240
gagatgcggc acctgcacca ggtgctgaag gacaagcagg aggtgctgga ccaggcgctg      300

```

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<210> 1461
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 1461
aattccggtg ctgtcgcttg caccgtgtgg acagactctc cggttctggg gaaatccagt      60
ccctgttact ccattttggc cagaaattca aggatactgt catgaagcag acacatgctg      120
acacacctgt tgatcattgt ctatctggca taagaaagtg tagcagcacc ttaagctta      180

```

aaagtgaagt caacaagcat gaaacagccc ttgaaatgca gaatccaaat ttgaacaata 240  
aagaatgttg tttcaccttt acgttgaatg gaaactccag aaaattagac cgtagtgtgt 300

<210> 1462  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1462  
aattccgttg ctgtcgctgg cttcctcagc attgccgaga tgtacagctc tgtggcagac 60  
cagtgggtgcc tgattgtccc catgcacacg cgcaggagcc gggctctccct ggtggccagc 120  
tgtgggcgcc tctacgtgtg tgggggctac gacggacagt caaacctaag ctcagtggag 180  
atgtatgacc cagagacaga ctgctggaca ttcattggccc ccatggcgtg ccatgagggg 240  
ggggctcggtg tgggctgcat ccctctcctc accatctaag gcagaggatg ggatgtggtg 300

<210> 1463  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1463  
aattccgttg ctgtcggaga tgtactgtgc ttatggatat gaagactcaa taacatgtca 60  
attctccaca agttaataaa tgtataaatt tacttcaatt gaggattttt tattagacat 120  
agacatgctg attttaaaat tcaaatggag gccaggatata gtggcttacg cctgtaatcc 180  
cagcactttg ggaggccacg gcgggaggac tacttgagcc caggagtttg agactatcct 240  
gggcagcatg gtgagacctc atctctacta aaaatacaaa aattagccag gcatggtggt 300

<210> 1464  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1464  
aattccgttg ctgtcgctct gtttctcttg ctaatgtatt tttatcacac ccaagaaatt 60  
taacgtttat aagatgtaat catttaatat accaaccatg tgtatactgc ttcagtgtgt 120  
cctcagattc ctgaatctaa tcagatataa cactttgcat tttgtttacc ggtctctcta 180  
gtcttctgta attttcccag ttttttccca taatactgat ttttttttca gcattaaagc 240  
tagctctctt gtagagtagt ccacagtctg aatttatctg attgtttcat gattagattc 300

<210> 1465  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1465  
aattccgttg ctgtcgaaaag gttacattct ttttggttca tctactcaga agctatttaa 60  
tgaatgttca ctccatgtca ggcatgtggc atgttttcat ctctaccagt aacgtggaac 120  
tttcttcttg tgtgcatcag cctgttggtt tcttttgtaa atgttctgtt cgtgtccatt 180  
atcaactttt ctactagggt gtgactgttt ctatgatata tttataacga tgtgtgtgtg 240  
tgtgtgtgtg tatacgatat ttggggtaaa tacttttccc agcttctttg acttttaatt 300

<210> 1466  
<211> 300  
<212> DNA  
<213> Homo sapiens

&lt;400&gt; 1466

aattccgttg	ctgtcggcgg	caaattgtgg	aacagatgga	aaagaaccag	gaggagcgat	60
cgctgcttgc	tgagcagcgg	gagcaggaga	aggagcagat	gctggaatat	atggaacagc	120
tccaagagga	agatctaaag	gacatggaac	gaaggcagca	acaaaaactg	aagatgcaag	180
ctgagattaa	gcgcataaat	gatgaaaacc	agaaacagaa	agcagaactc	ctggctcagg	240
agaagctggc	agaccagatg	gtgatggagt	ttaccaagaa	gaagatggct	cgagaagcag	300

&lt;210&gt; 1467

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1467

aattccgttg	ctgtcgcaat	ttctgagtct	ctttctatct	aatgccacca	atttctgagg	60
aactagagtg	cagagtggat	tgcttttcag	ctttttctat	taggattcag	atagcttttt	120
aattgctgct	aatatatttg	tcattcatat	tgcttttttg	ttttcaaaat	tcagttaata	180
ttttttcttc	tcattcattt	tgactttgta	ggttcatgcc	atttgtaaaa	ccctctttgt	240
tgtcttttta	ttggaatttt	gagagggagt	taaattgtctg	tttttaattc	accatcttta	300

&lt;210&gt; 1468

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1468

aattccgttg	ctgtcggaca	gcagctccga	ggtcggcggg	ggctctgggtg	gccatggagg	60
agccccctgt	gcgagaagag	gatgaggagg	agggagagga	ggacgaggag	agggacgagg	120
ttggggccga	tggggcgctg	ggcaagagcc	ccttccagct	gaccgccgag	gacgtgtatg	180
acatctccta	cctgttgggc	cgcgagctta	tggccctggg	cagcgacccc	cgggtgacgc	240
agctgcagtt	caaagtcgtc	cgcgctcctg	agatgctgga	ggcgctgggtg	aatgagggca	300

&lt;210&gt; 1469

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1469

aattccgttg	ctgtcgccaa	aatgtatccc	agtaaagggc	tttggtaaaa	aatataaata	60
atttgaacaa	gtgtccagag	gggagataat	gtacagaagg	aaaaaagaat	aatgggcttt	120
taacttcttt	tttttccctc	agttttttat	tttttctat	atagagatgg	gagtctcact	180
atactgcgca	ggctggtctc	gaactctctt	gggctcaagt	gacccctcca	cctcggcctc	240
ccaaagtgtc	ggagttacag	gcttgagcca	ctgctcctgg	ccagcttcta	ctttaaacct	300

&lt;210&gt; 1470

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1470

aattccgttg	ctgtcgacga	gcttttgctg	tgttggccag	actggtctca	aactcctggc	60
ctcaagtccc	aaattgctgg	gatttaggca	tgaaccacta	tgccctggcca	taccgtacag	120
aaacactctt	atggtgtatg	tatgcgtcta	tttggaaact	agttttgtag	tcttttttta	180
aaatcatact	ttattatagt	accttggtat	cattttgaat	atgttaaata	aacactataa	240
tagttaaggt	agacagaaca	ttaggacata	ccgtattcta	tattttttcc	tctgtatttg	300

&lt;210&gt; 1471

<211> 292  
 <212> DNA  
 <213> Homo sapiens

<400> 1471  
 aattccggttg ctgtcgtaat cttaaaaaata cttgcctcaa agattttattg ggataactaa 60  
 gatctgtaat acttggagat aggaactatg tcacatagtg catgacacat gaaaggcact 120  
 taatattcat tgaattgaat taaatctcac agattttaaataaaaaggcctt tgccttaatg 180  
 ttcaactttg tatttggtat gaggtctctc tgtctccctt caattaaatg atatttagag 240  
 gtatgctcac aatagattag acatagttaa tttttttttt tttttttttt tg 292

<210> 1472  
 <211> 293  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(293)  
 <223> n = A,T,C or G

<400> 1472  
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 cagagaatta ccagaaaata aaattacatg aagcttgaat atagggagat ggaaagatat 120  
 tagacaaata ttaaagaaaa tctgggccag gtgtggtggc tcacacctgc aatcccagca 180  
 ctttgggagg cccaaggttg gaagattact tgaggcaagg ggttnganan cngcctgntc 240  
 ntnatanga anntnngctc ttnanannag antgngntna ntagagtaat taa 293

<210> 1473  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1473  
 aattccggttg ctgtcggtata tgccaagaac caaggtgttc tgtcatcaaa attgattttt 60  
 tatgtgtgaa ttgacaactt gctaaagtcc cccaaatttg ttgtttctaa agaattggaa 120  
 accatttgag aggagctatt gtaagagggg acttcagcct tgatcattag ccgtcaggag 180  
 ctctccctca ggaagatcag atttaacagt ttttgagaaa cttgagattc tgaatgctc 240  
 cacggcctgc ttaccctttg gaaagactgt aaggggtaga agtaccacac agaagaccac 300

<210> 1474  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1474  
 aattccggttg ctgtcgggttt agcactcaca tttttttgtt caatctttac ttctcacaca 60  
 aacagaaaaa ggaaattata tattctgtat caacaaagat ttaacaaaac atccatacac 120  
 tacaactgtc tacttactaa aattaagaat tagtatatta tcttttttct tcttatatta 180  
 aaactatctt ttcatacact attttaagtt tatgaactga aagtctttta gagataattt 240  
 acttcaatga actattatta tttatatattt ataagcaaat tgcacaact tggtagtagc 300

<210> 1475  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1475  
aattccggtg ctgtcgcatac tgtatgttgt ggtgtcatag aaagagtcca gacctggagc 60  
cagagggagt tgaattcaaa caccttgatt tcttattatc agctgtgtca agatcaaate 120  
actcctcttt ggcatgctgt ttttttctag aagtattact ctgaccttag ctattaccat 180  
cccctctctt gcttgtaggt tgatatttac ttgctaattc actctcagtg cattgttttt 240  
gaatcttagc ctagtctttt gtttgtttgt ttgtttgttt tgacagtctg cttactgcaa 300

<210> 1476  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1476  
aattccggtg ctgtcgggac tacaggtgcc cgccaccaca cccggctaatt ctttgtatta 60  
caggatagag ttcttggaag cctggcgtgg agggagggag agcaggtagc acagttacag 120  
aaggatcttc gggatatgga aatgcggtat ttgtggacac tcattcatct aacacacatt 180  
tgttgagctc ctaatgtgta tagaactgaa gggatggagt catgggcagt ggaaaagctg 240  
aaattgtgta aaagagagag aaggatcagt ggctatggtc tcgaagatga cgtggaagtg 300

<210> 1477  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1477  
aattccggtg ctgtcgaagg gatccagtaa ctgtccccag ggaaaggata tcagcttgac 60  
ctgcagctga cagctagtag taactgtaag ccacatgagc gaacaatcta ggccatccag 120  
cccagaagaa cattaagatg actgcagctc cagccaacat cgggctacag caacctacga 180  
gaagccaaat aagagcagcg tagctcagtc ctcccagaat ttgggaccca gaaaataaaa 240  
gggaaactaa acaggtaaac aagttgttgt tttacaacac tgtgtttgag agtaatgtgt 300

<210> 1478  
<211> 288  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(288)  
<223> n = A,T,C or G

<400> 1478  
aattccggtg ctgtcgcgta gtgtggtttc cgggctccga tgaccccagc cagaaccccg 60  
cctttgttca tgcctagggg agaggcataa agttcagcac agccacaggc cacaccttgt 120  
tatgggcctc agaagccatc tcctctccag acctgtacca caaagctcct aatgtaacac 180  
atcattgtcc tcattcaact tggctgtatg ctattggagg gtggaaatca catctcctgt 240  
ttatccgtgt gcttgttagg tgtcagccgn ccccccccc ccatatgc 288

<210> 1479  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1479  
aattccggtg ctgtcgagaa ccttgtggtc atcaataaag ccctacgggc tccttgtgca 60  
tggtggccct ggggtccagc tctgcatcac tgatgtacta cctatcctgg caaagatgct 120

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tcattggccac aaggcagagc ccttgcatct gtgccaccgg ctggacaagg aaaccacagg      180
tgtaaatggtg ttggcttggg acaaggacat ggcatatcaa gtccaagagt tgtttaaaac      240
ccgtcagggtg gtgaagaagt actggtatga ggctgctga tggcagtaga ggtggtataa      300

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<210> 1480  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

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<400> 1480
aattccgttg ctgtcggaat tccattggcc agaacatagt cacatggtca tgcatatgag      60
aagtaaaatc ttggaaatgc actttttata caggatgatt atttgcccag ccgaaatgta      120
gggtttccat tattatcaaa gaaaaaagag cagaatagga gatagctaca agtctctatc      180
tcttacagaa tgtaagtcag acacatcact tgaggggctt aaaattttta acatttcttg      240
atgctttatg cttatcattt gtaatggaag atttgtatgg tggtagcctt ccataaagac      300

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<210> 1481  
 <211> 298  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(298)  
 <223> n = A,T,C or G

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<400> 1481
aattccgttg ctgtcgagac ttttgtatat ttatcttaaa ttatatatct gaagtttttt      60
tttttttant ggnagttnag gcttccagng ccntatcagn ctttatataa atcngtngaa      120
naatcgtttn ttntaaaatc aaagtaaatt tntngnnat gttnaaggag ngaaaaggaa      180
tttgggnata tgnaattttg ctagnnctta nggcttcnat ctaaaaangt tnatgangga      240
ccaggcncgg gggctnatnc ctgggacccat ancnccttgg gaaaccacag cggccgga      298

```

<210> 1482  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

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<400> 1482
aattccgttg ctgtcggccg cccagggggc cctgggagct gcagggcata ttgctgctga      60
gccagaatga gctgtaccgc cagatcctgc tgctgatgca cctgctgccg caagacctgc      120
tgctgctaaa gccctgccag tcttctact gctactgtca ggagggtgctg gaccggctca      180
tccaatgcgg gctcctggtt gctgaggaga cccagggctc ccggccagcc tgtgacacag      240
ggcgacagcg attgagcaga aagctgctgt ggaaaccgag tggggacttt actgatagt      300

```

<210> 1483  
 <211> 280  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(280)  
 <223> n = A,T,C or G

<400> 1483

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aattccggttg ctgtcgggtac atgggtccac tttttttctt cgggtctatta ttggacttttg      60
catttccata tacatttttag aatcaattta ttccacaaaa agctaccaac aacaaaaaag      120
cctgttgggga ttttattgga attgtgtcag atctatagat caatttgggga ggactgattt      180
ttagacttgc tcaagtattg gatactttct tttttttttt ttttaaaacg gnntttngct      240
ttngtnnccc aggnngnagg gcntnggcnn tntttgggct      280

```

&lt;210&gt; 1484

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1484

```

aattccggttg ctgtcggcca tcactacagt caattttaga acattcatta tccccaaaag      60
aacccgtgtac ccattagcag ttattatctt tactttttta atgcgggaaa taaacctaca      120
tagaaagacc agaaagactt tatgtctctt aactgtataa actgactcca gcctacctgt      180
tgtacctttt gttgttggtt ttgttggtgt tgttggtata ccttattttc tactagtacc      240
cataatacat catttattta attcaggctg ttttctact tgtgctacaa agtggttatta      300

```

&lt;210&gt; 1485

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1485

```

aattccggttg ctgtcgaaat tttccagttc ttttttcagc ttctttatct cctcctaattg      60
gaaacattat ctttaaaagt tgcatatagg aaatatacat attttacgtt tgaacaaggga      120
gatttaattg taaatatgaa agccaaagta ttcttgaatg gtcaaataca gcaataaagg      180
cagaagaatt aagatttttc tttgttccat tgtacagtgt aaataactaa gttgttaact      240
gtcaagtcca gttatgtatt ctgtaagttg tgttctagtc tttgactaaa atttatcatc      300

```

&lt;210&gt; 1486

&lt;211&gt; 278

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(278)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1486

```

atcgagaact cttactacaa gctncttggt ctttttgcag gatcccatng attcnaattc      60
cgttgctgtc gccaaaatgg cgcgggtgct gaaggctgca gccgcgaatg ccgtagggct      120
ttttccaga cttcaagctc ccattccaac agtaagagct tcttccacat cacagccctt      180
ggatcaagtg acaggttctg tgtggaacct ggggtctact aaccatgtat ccatagcagt      240
ccaaattngn antntgctgt tnnaatntat nacaatat      278

```

&lt;210&gt; 1487

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1487

```

aattccggttg ctgtcgggga gtccttggtt ccatccatcc ctagggggta attttgttcc      60
ctgaggctgc tttctaggga cttctggtcg cttgttttat cctggaccag acctgaaagc      120
agagcctgaa ataaggcctt ctatgcacat catttatgta ggaggtggcc ctaggaagca      180

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ggcccaatgc gccatgggaa aaaccagtac caggggtgttt tgctgagttg agcactgtgg 240  
 tgggcagctg gacatgagcc cactggaatc ttctgaagag cccaagagcc tcttctcagt 300

<210> 1488

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1488

aattccgttg ctgtcgggcg gcaggtgatg cagtttgac ggattgatgg cagtgcgtac 60  
 attctggact tccagtatcc gttctcagcc gtgcaggcct ttgcagttgc cctggccaac 120  
 gtgactcagc gcctcaaatg aagagactgg tgtggggagg agagagatgc agagagcctt 180  
 tgggaagagg cttcggagat gccagaggag ccctctaggg gtccgatgcc tgggaggacc 240  
 acaagccaac agcaaaactg gaaaagcccg gcaggcccag gagagggcgc tgacctgtgg 300

<210> 1489

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1489

aattccgttg ctgtcggacg gaaaccatgt ttgtggctcg cagcatcgcg gcggaccaca 60  
 aggatctcat ccacgatgtc tctttcgact tccacgggcg gcggatggca acctgctcca 120  
 gcgatcagag cgtaagggtc tgggataaaa gtgaaagtgg tgattggcat tgtactgcta 180  
 gctggaagac acatagtgga tctgtatggc gtgtgacatg ggcccatcct gaatttgggc 240  
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<210> 1490

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1490

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 tatttgettg cccttcctt taattttctg caagagtttg tagaaaattg tattacctct 180  
 cctgaaatat ttgctagaat tcaactagtga agctgcctgg ggctggagtt ttctttaata 240  
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<210> 1491

<211> 268

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (268)

<223> n = A,T,C or G

<400> 1491

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 gtggaccac ccattggggc aggcaacctc aacatgaaca tgaatgtcaa catgaacatg 180  
 aacatgaacc tgaacgtgca gatgaccccg cagcagcaga tgctgatgtc gcagaagatg 240  
 cggggccctg nngacttgan gggcccca 268



<210> 1492  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1492  
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 aatttgatg attgtcaata tcagccaatg ttatttagcc tatgatgaaa cactcaatgt 180  
 attgaagttc tccgccattg cacaaaaagt ttgtgtccca gacactttaa attcctctca 240  
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<210> 1493  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1493  
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 ccaggggact gagcctcggc cctccagcag caacatgaag cgagcagcct ccttgaacta 180  
 tctgaaccaa cctagtgcag caccctcca ggtctcccg ggcctcagt ccagcaccat 240  
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<210> 1494  
 <211> 252  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(252)  
 <223> n = A,T,C or G

<400> 1494  
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 gcnnaccac tcacctgtg ctgnctccac atntgtcaag ccctgaaacg cttcacaaga 180  
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 tttgagactt ga 252

<210> 1495  
 <211> 262  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(262)  
 <223> n = A,T,C or G

<400> 1495  
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 tgtgtggatg gatgagatgc tgggtgtgtg atggatgagg tctgtgtgna tnnatnaatn 180  
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actnntnttn ncattattat nt

262

&lt;210&gt; 1496

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1496

aattccgttg ctgtcgccgg cctcctatgc cttctttccg ggcctgtttt aagagcattt	60
tcagaataca cacagaaaca ggcaacattt ggacacatct cttaggttgt gtattcttcc	120
tgtgcctggg gatcttttat atgtttcgcc caaatatctc ctttgtggcc cctctgcaag	180
agaagggtgt ctttggatta tttttcttag gagccattct ctgcctttct ttttcattggc	240
tcttcacac agtctactgc cactcagagg ggtctctctg gctcttctct aaactggatt	300

&lt;210&gt; 1497

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1497

aattccgttg ctgtcgcgac agcaacggtg acatctttcc tcggctcttg tttggatctt	60
cttcagatct taatggaggc agatgttagc agggatgaaa tacagggtgc tgtgctggat	120
actgaggatg cgtggctctc cgtggaagga ccaatctcca tagtggaact ggcccttgaa	180
cagaagcaca tccactacc cactgggtgag caccactcca tcctgtgctc catcttgat	240
gcagtcata ggttttctct gaagaccgtg aagccattt cactttttga cagtaaggga	300

&lt;210&gt; 1498

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1498

aattccgttg ctgtcggttt gcttaacaga gtaaaaatgt ttttaaaaag tttaaagttt	60
ataaagtaaa agcattacaa taacctaat ttaatttatt atggaagaaa gacattttta	120
aagataaatt tagtttagcc taggtatata gtctaactat agctggagtc ttcaacatac	180
ctctatcaac atttgataaa acaagccaga aatcatcaag gatatagaac catcaccatc	240
aaccagcaga atctcattga cttttataga acatttcacc cagcagcagg atacacattc	300

&lt;210&gt; 1499

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(300)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1499

aattccgttg ctgtcggatt tctactctgt ctctcaact ctgttgatat ttggggaaaa	60
ttctgttttt catagattct ttgagatgct gatggaccag cttcagcatg ttgaggttg	120
tctgaaatgg agatcactgt aaaactgtct ttttctttta aattacaagt aactgggggt	180
taactgtatt gctggaaaaa catcaagaat gacagtctta tatttaaggc accagtcatt	240
ggttccattt ttttttttaa ttcttccctt ggattaatat ttntactga anagaaatga	300

&lt;210&gt; 1500

<211> 292  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(292)  
 <223> n = A,T,C or G

<400> 1500  
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 cctacatcaa caaattaagc aaagtgtcct gtattccttag tgctttggac taancaanga 180  
 atacgnttan ntacttgacc acttaccctc ctatcantgg tgnctaatac ctatgttaca 240  
 cgatnaagac acaggtttan nactttgccc atatagttaa nttattgaca ga 292

<210> 1501  
 <211> 297  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(297)  
 <223> n = A,T,C or G

<400> 1501  
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 tgccaccacg cccggctaata tntttttttt tngggatttt aantaaaanc gggntttcat 180  
 natgttacc ngnatggngc taatntccng acctggggat ccnccnttt ngncnccca 240  
 atgggctggn attncngcn tgagccacna cncntagcct tccnatcta tttttca 297

<210> 1502  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1502  
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 tcttttcatt gccagtcact tgtgcaattt atagagacta tcaacttttt tgcaccatat 180  
 atgaaggaaa caaagtgcaa aaagtgtgct ctctccctta agaaaattga gtgcttatag 240  
 cctatgtcct ccatataaaa agtaagaat atcagtcttt ttaatgttat tctaagaaaa 300

<210> 1503  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1503  
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 cctccagatg cccgtggtgg tgcagagcat gtacatcttt aagtctcccc tcatcaggac 180  
 gcctccttcc tgtacacgga gccctgggc cgggtgctgg gcgtgtggat cgcagtggag 240  
 gatgccacgc tggagaacgg ctgtctctgg ttcacccctg gctcccacac cagtgggtgtg 300

<210> 1504  
 <211> 267  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(267)  
 <223> n = A,T,C or G

<400> 1504  
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 ctgtacacat cttatcaaca aagaatttga acctcaaaga attctcactg tgttacctag 120  
 gctgcagtgc agnggtgcga tctcaactca ctgcnacctn tacctectgg nntnaancnn 180  
 ntctnctgtc tnancnannn tanntntcat tntctacnnn ncttnnttgn nnannctagt 240  
 ntntttntcn tatntcatnt ctncac 267

<210> 1505  
 <211> 293  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(293)  
 <223> n = A,T,C or G

<400> 1505  
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 tcacaanagg ttgaggtnan anaantgctt gaccanaag annaganncn atanngnnga 180  
 nattaanngn aggnnngcat tntnctnnnn tagnnncnnn ctngacnntt gtctnanna 240  
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<210> 1506  
 <211> 296  
 <212> DNA  
 <213> Homo sapiens

<400> 1506  
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 agaagataac acaggagaaa acctggatga ccttgggttg gcaatgactt tttagatata 120  
 ataccaaagg catgctcctt gaaagaaata attaattgag aagccagaag gcaaaatggt 180  
 acagccattt tggaagacag tttggccgtt tctcacaaaa ctaaataatac tcttaccata 240  
 ccatgcagca attatactcc ttggtgttta cccaagactt gaaaacttgt gtctac 296

<210> 1507  
 <211> 286  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(286)  
 <223> n = A,T,C or G

<400> 1507  
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tgtacngnnt tataggcaca gtctaagaat ncactattac ctacaggunc ngtaatatan 180  
aagaaatngn nntgagggan annnancact ctttcttann aactnatcag cncnnntaga 240  
tnttgggnta anaaaatacc gggngaaacc nncataaaat gattaa 286

<210> 1508  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1508  
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tccattctat actgtaaaat ccaaaaatgc tagttgccct cagcttttga gttgacttcc 180  
agaaagttga gatcttttga ccattttttc tcgtgtcata taaaatgtgc cacatggtag 240  
ttgtcaagct gtggtagtca tgtacacttt tttctttttt ttaactttct aaaaggaaaa 300

<210> 1509  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1509  
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ccaggagggtg gaggccctga agcacaccat caagctcctg acggtcatta aatggcatgg 120  
acaaaaatgc aacaagttga actccaagtt ctggaaacgt ttacagtatg aaatgccttt 180  
taagaggata gaaccatta cacatgagca ggcttttagat gtcagtgagc aagggccttt 240  
tggggagctg cagactgtct cggccatttc catggccgcg gccacctcca cagctctagc 300

<210> 1510  
<211> 258  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(258)  
<223> n = A,T,C or G

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tactgaagca ggatgaagta agaggaatgc attcattaaa acatgctttg ctttatgaat 180  
tnttggctct nttttatgtc nctnttnnnt antnnnnnan ttcnattann ntnannttat 240  
tgttatntna ttannana 258

<210> 1511  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1511  
aattccgttg ctgtcggcct aagcataaaa ccaaaattat aaaactccta gaagataaca 60  
caggagaaaa cctggatgac cttgggttgg caatgacttt ttagatacaa taccaaaggc 120

atgtctccttg aaagaaataa ttaattgaga agccagaagg caaaatggta cagccatctt 180  
 ggaagacagt ttggccgctt ctcacaaaac taaatatact cttaccatac catgcagcaa 240  
 ttatactcct tgggtgtttac ccaagacttg aaaacttgtg tctacacaaa aatctgcacg 300

<210> 1512

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1512

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 tggaagtga gaaaatgttt ggaagctctg tgaatacatc aaaaaccatg accagtatcc 120  
 tttagaagaa tggtatgctg tcttcataatc taatgagagg aagatgatac ctatctggaa 180  
 acaacaggcg agacctggag atggacctgt gatctgggat taccatgttg tttgtcttca 240  
 tgtttcaagt ggaggacaga gcttcattta tgatctcgat actgtcttgc catttccctg 300

<210> 1513

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1513

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 ttctgtccct tgggcctgag ggtccggtgg cagagccaga catgacaaca atgtaaagca 120  
 ccagcaaaat gtgatgtcaa agggaagcag aaatacattc aatctgatag gaggacctag 180  
 gaaggtctct gtgaagaaca ggaaggattg caccagaaaag ctctgtctgc ttctgtaccc 240  
 cgctgtccc tcccagctgc gcaggggccc ttcgtgggat catcagcccg aagacaggga 300

<210> 1514

<211> 295

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(295)

<223> n = A,T,C or G

<400> 1514

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 ctcaaaaaaa aaaacaaaaa aanaanaaaa aanaanaaag gaaanaangg gaaaggaaag 180  
 gaaaanagan aganaaanana aanaanaaan acncttcntt tccgnaaagc cagccgnatt 240  
 cntcccagcg tntttnttgg ngctctgnnca tggataaagc ctcccnattc ccccg 295

<210> 1515

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1515

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 tcaatcttgg taggttgtgt gtttctctta gaaattggtc catttcttct aggttattaa 180  
 attgttaggc atacaattct tcataatatt ctcttataat cctttttatc tctgtcgtat 240  
 tggtagtaat gttccctctt tcatttctga ttgtagttat tgaatgttct ttttttttct 300

<210> 1516  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1516  
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 atacacattc acacagacat attcataata aaataggagg aaatacttac aacaattaca 180  
 atcctcattt ctgtagctgt tcacatgggc gtggctggta tttataatta ctttgtctac 240  
 tatccaatct gtattccctt tcccttcaga aagcgccctca gctgggcatg gacccttacc 300

<210> 1517  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1517  
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 acagattgat ttcccgtgc ggatcctggt cccaccccag tttgttggtg ccatcatcgg 180  
 aaaggagggc ttgaccataa agaacatcac taagcagacc cagtcccggg tagatatcca 240  
 tagaaaagag aactctggag ctgcagagaa gcctgtcacc atccatgccca cccagagggg 300

<210> 1518  
 <211> 129  
 <212> DNA  
 <213> Homo sapiens

<400> 1518  
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 ggcagcgggt aagggttcca agccagaccc aacaccctta ccacttgga cccagagggg 120  
 gctgcacct 129

<210> 1519  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1519  
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 tgcggcgtca gctatgccct gacagtgtgg cgattcttcc gcgatcgaac agaagaagaa 180  
 gaaatctcac taattcactt ttttggagag gaggacctgg agtataagaa gaggggtgcc 240  
 acgggcctgc ctttcataaa ggggggtcaag gtggacctgt gacgggcagt ggccccggtg 300

<210> 1520  
 <211> 296  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(296)  
 <223> n = A,T,C or G

&lt;400&gt; 1520

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atgannaaca tggccattan nantgctggn atngngnang cncncntatc tngacagnna      180
ctangnatnc naggnggact ttntctgaata tgnngnannnn nntttacnnn tccctnntgn      240
ntgntacctg ngtgcggntn ctntgacaan ctggtgcntn antncattcc gaatca      296

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&lt;210&gt; 1521

&lt;211&gt; 283

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(283)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1521

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atgtgttttc atgcccggcc tttgttcttc cataaatgtg tccttttagtt tcaaacagat      120
ctttatagtt cgtgcttcat aagccaattn ttattattat ttttgggnaa ctntncttcg      180
gaagattgcc ntgaagnntn nnnnaattaa nagnagcttt ngnanaanac tnnnattann      240
tangtnncnn nacntnanna anattnnang antttgagga gtt      283

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&lt;210&gt; 1522

&lt;211&gt; 292

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(292)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1522

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agagcctcgt tcatttccaa agcagttaag gaatgggaac cagagtgttt taggacctga      120
agaatcttta tgactctctc tctttcactc tttttttttt ngcncntann tnaaanncaa      180
agngnnngtt tnancgtttt ngtnntcttc gggcccnng ttncannnan gggncaaang      240
ntttggntnt aagncnatcc cncntnaan ttnggggacn aattttaatt cc      292

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&lt;210&gt; 1523

&lt;211&gt; 269

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(269)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1523

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ccggaatacc tctactcggc cattttgcag gancatng attcgaattc cggtgctgtc      60
gattgtcagt ttgatattta ttttaaatg tggaactaga tgcataaatt cacatttctg      120
cctttccttt gcatcttctc atatattgtg tttttttttt tttcccnaaa aaanantta      180
aanncatntn tnancngnaa aaacnnnnn tntntgtanc ccangannta ncccggncn      240

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nanngnannnn atnttaatgt anaatttta

269

<210> 1524  
 <211> 265  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1) ... (265)  
 <223> n = A,T,C or G

<400> 1524  
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 tgcacataga ggagctcaga gagctacaga caaaaatcaa cgaagccata gtagctgttc 120  
 aggcaattat tgctgatcca aagtnanacc acagactgtg aaaagttgga cgatnagtac 180  
 ntgatgnnnt cngntaggta ncnnnancta ttatgncnan ctacanagnc tcgnggccnn 240  
 gcagngctnn ntncctnnat tcttg 265

<210> 1525  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1525  
 aattccggtg ctgtcgggtc agtgccaaga gggcccgga agaagaagtg acaatgaagt 60  
 cttttcttgc ggacactccc tcctgtctcc tttttctgt aaataatttt ctctttttt 120  
 ctctcttgat gctcaccacc accttttgc cccttctgtc tgactttata agagacagga 180  
 tttggattct tcagaaatta caggaataat ctttttctc taccagttg tggcaagggc 240  
 caggcaccac ccatctaag atgaagaagg acctaaaatt tggtttgcta ataccaact 300

<210> 1526  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1526  
 aattccggtg ctgtcgatga gaataaagt agaatgagaa tgttcctagc atggtgcctg 60  
 gcatgagcag attctcagca gatgggccct cctgtaatcc gctgagggct ctctgcagt 120  
 gccagcaggg atcctagtca ttgtctccac cactcctgtc tgtcttcacc cagaacctg 180  
 tctggatcct gggaggaagc aaacatctcc tgggtgggaat gtgaggccct gccaggttg 240  
 aggagtaact ggaaaagggc aggtggccct gccactatg tgggcacctc atgataaatg 300

<210> 1527  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1527  
 aattccggtg ctgtcgaaa atattattat gttagtttta gcgtggaaat tggaggctga 60  
 aagcatggga ttttttacca aggaagaatg gttaaagga atgacttcat tacagtgtga 120  
 ctgcacagaa aagttacaaa acaaatttga ctttttgcgc tcacagttga atgatatttc 180  
 gtcatttaag aatatctaca gatatgcctt tgattttgca agggataaag atcagagaag 240  
 ccttgatatt gatactgcta aatctatgtt agctcttctg cttgggagga catggccact 300

<210> 1528

<211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 1528

aattccggtg ctgtcgggac tgggttaggt gccgctggtg ctgctcgtgt tgaatctaga	60
accgtagcca gacatgggac tggaggacga gcaaaagatg cttaccgaat cgggagatcc	120
tgaggaggag gaagagggaag aggaggaata aanggtaana actggnttac anntgcttn	180
atatgangaa tcaaaggcna nancnctntg aggtagtntt acctnnacct gcgntntnct	240
atgntctttt antgctgngt tgaanggtnt nannatnnnt ananattnnna aanccagctg	300

<210> 1529  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1529

aattccggtg ctgtcgaaaa gccttaattg ccatgaataa cctgagttag aattatgaaa	60
atcagggccg gcttcagggtg tacatgaata aagttagtga tgatatcatg gcctctaacc	120
tgaactcagc agttcaagta gttggactaa aatttctaac aaacatgact attactaatg	180
actaccaaca cctgcttgct aattccattg caaacttttt ccggttgcta tctcaggagag	240
gtggaaaaat caagggttag attttgaaaa tcctttcgaa ttttgctgaa aatccagata	300

<210> 1530  
 <211> 261  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(261)  
 <223> n = A,T,C or G

<400> 1530

aattccggtg ctgtcgggac actttgtgat ttccattaag gccaaactgca ttgactccac	60
agcctcagcc gagggcgtgt ttgcctccga agtgaaaaag atgcaacagg agaactgaa	120
gccgcaggag cagttgacct ttgagccata tgaaagagac catgccgtgg attnatngat	180
atgnatnnta anannannnn gttnnttaan naaagttcnn ntanatnatn atnttaatch	240
gnnattannn aanntntgng c	261

<210> 1531  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1531

aattccggtg ctgtcgccaa gtccatgcgc tccatgaatg gctcgcggcg gaacagtggc	60
tcctcgctag tgtccagctc ctgcgcctcc tccaacctga gccacctgga ggaggacacg	120
tgatcctgt ggggccggat cgccaacgag tgggaggagt ggcggcgag gaaggagaag	180
ctgctcaagg agctgatccg caagggcac cccaccact tccgggccat cgtgtggcag	240
cttctgtgca gcgccacgga catgcccgct aagaaccagt actccgagct gctcaagatg	300

<210> 1532  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1532  
 aattccggtg ctgtcggagc aattaaattc attgtctcag ttcaagagtg aatatagcaa 60  
 cttatgtgaa cctgagcagt ttgtggttgt gatgagcaat gtgaagagac tacggccacg 120  
 gctcagtgtc attctcttta agcttcagtt tgaagagcag gtgaacaaca tcaaacctga 180  
 catcatggct gtcagtactg cctgcgaaga gataaagaag agcaaaagct ttagcaagtt 240  
 gctggaactt gtattgctaa tgggaaacta catgaatgct ggctcccgga atgctcaaac 300

<210> 1533  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1533  
 aattccggtg ctgtcggccg gaaccacgag gagagcagtg agaccatgaa tgacttgctg 60  
 gccaggtg ccactaacac ggacaccagc cgaaatgccg gaaatgcggt cctgtttgag 120  
 acagtactca ccatcatgga tatccgctct gcagctggcc tacgggttct agctgtcaac 180  
 attcttggtc gcttctact caacagtgc aggaacatta ggtatgtagc cctgacatca 240  
 ctgcttcgac tgggtgcagtc tgatcacagt gctgtgcagc ggcatcggcc cactgtggtg 300

<210> 1534  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1534  
 aattccggtg ctgtcgaaaa taaagaggaa agccttttgg aaaagcgcag gcagctgtct 60  
 cgtgatattg gtagattgaa agaaacatat gaagctctat tagccagatt tcccaatctt 120  
 cgatttgcac acaaggatcc agagaagaac tggaatagaa attgtgtgaa aggacttgtg 180  
 gcttctctga ttagtgtgaa agacacttct gcaaccacag ctttagaatt agtggctgga 240  
 gaacgactct acaatgttgt agtagacaca gaagttactg gtaaaaagct actagaaagg 300

<210> 1535  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1535  
 aattccggtg ctgtcgggtc tgcattagca tctgctggtg atcctggaca tccaaatcat 60  
 cctcttcacg cttctcagaa ttcagcgaga agagagagga tgactgcgcg agaagaagct 120  
 agcttacgaa cacttgaagg cagacgacgt gccaccttgc ttagcgcccg tcaaggaatg 180  
 atgtctgcac gaggagactt cctaaattat gctctgtctc taatgcggtc tcataatgat 240  
 gagcattctg atgttcttcc agttttggat gtttgctcat tgaagcatgt ggcatatggt 300

<210> 1536  
 <211> 242  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(242)

<223> n = A,T,C or G

<400> 1536

aattccggtg ctgtcgattt tttttgatac cttgttaaat ttttatttta attaataagg	60
tagtcattcc tgtagagggg taagatgctt gtagagtgtt gggatcatt ccaaatagaa	120
ctgttatgat ttgggaaata ttctttacta caaaggactt atttcataat taaaaatttt	180
ccttcataatt tgcctttgnn nataanannt nnaggaanga cattntntag cantannagg	240
aa	242

<210> 1537

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1537

aattccggtg ctgtcggtgt gtgtgtgtgt gtgtgtgtgt gtgtatggag atgctgaaag	60
agcattgata aaattctaga ctttcctaac aataacccca agtaaaacaa gaatagaaga	120
aattgctaatt gttataaaga ctacttgtat aaaactaatg tctaaatagg gaagcactaa	180
agccatttcc tttagaatca gaaacaaaac aagaatgcac attatcatca ttattattca	240
acattgtttt agaaattcta gagactgcaa tacacaagaa atgaaatatt gggatgaat	300

<210> 1538

<211> 260

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(260)

<223> n = A,T,C or G

<400> 1538

aattccggtg ctgtcggaag tgcaaggggc tgcattgacct accaggacag aactttcccc	60
aattacaggg tgactcacag ccgcattggt gactcacttc aatgtgtcat ttccggctgc	120
tgtgtgtgag cagtggacac gtgaggggga ggtgtgggag ggtnnnagtc tgcnnnggntn	180
ntgctcnnta cntnnnntn ctnttttnt aaccgncnna tnnnnngcna tgnagantnt	240
ntanngcact ttntnngtc	260

<210> 1539

<211> 284

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(284)

<223> n = A,T,C or G

<400> 1539

aattccggtg ctgtcgaaaa tgcccagtc ggtctgaatc gtcagtgcatt tatattgact	60
ctgagcactt tagaatttag agttgcaatt gaatgccagc tgtggagatg gggcgcatat	120
cagatatata aataaagctc angtttgtn nggaaccnng tattnnnaaa nntncttntg	180
anntntntnt nntnnantn tntanagnna tnncttntt tntaaanntt nntnnnagg	240
nnatantngn nnttttgttn atananncn nanacctgtt tttt	284

<210> 1540

<211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1540  
 aattccgttg ctgtcgcgca ctccctcttt ctctcttttc ctgtatcttt cccttttaaat 60  
 ttgctatagg aaaaacttaa acatgagtga gcaaagagga ggatgcaact gaatattttt 120  
 ggaaatgtgg atatcatata agggcttggg agatcaacac tgggatgatg atgagcagaa 180  
 tgggtcatgaa gatgccc aaa atcagggccc agatgttcag gcacttggcg gtggaggcat 240  
 aggcctgggc gccagtcagg tcgccaacca tcttcctgtg cctagacttc acggagtaag 300

<210> 1541  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1541  
 aattccgttg ctgtcgggca cgtcctcgtg tatectgtgg aggaccctga cccgcacccc 60  
 caccctcgag gccagaaatc ggttgctctt ggggacctga gaagcgagac cactcgcgcc 120  
 cctgacttgc aagttggggg ttttattggc ctccgggatt ctgctcgtgg cggtttctcc 180  
 aggctggtga tgggcaagcc ggggtgtacca agtccaggat gcacatgagg agccgtttgt 240  
 aaccgcactg aatcacctca tgactagcgg ggcaggcctc taattcaccg cagggaatttc 300

<210> 1542  
 <211> 265  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (265)  
 <223> n = A,T,C or G

<400> 1542  
 aattccgttg ctgtcgggatt ctccccctct tgaaaaaaa tcgatttttc aggatttaaat 60  
 taatacaaac cttatttttag gttgggtgctt aactggagggt gatgcataag tctgattttt 120  
 ttttccaaga tagaaaaagc atttatccta acaaattgggt attttttata agcctccatg 180  
 tggctctgaa tgcaagctat atatagttag tttttctaaa ttaagggaac tctgcttttt 240  
 tttttttttt ttaaanaanc gggnc 265

<210> 1543  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1543  
 aattccgttg ctgtcgggtgg aggggcccgt tcgaagagtc gtgaggggggt gacgggttaa 60  
 gattcggaga gagagggtgct agtggctgga cttgacctgg aaagaatctt ctgctgactc 120  
 tcaacttttc ctggaaaaaa tggatcattc ccacatattg gggatgaagc tatatggact 180  
 ccacagtacc atgcaccttt tcaccatacc ccaccttctc accttacact cccatggggg 240  
 aaggagacag cagcatgatg atgatgccta tgacctctac ttggctttta gaatgtggac 300

<210> 1544  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 1544  
 aattccggtg ctgtcgggaat atgatacttt ggaggggaaa tgcttggcgt gtgtacaagt 60  
 atgaggagac caacttacac aacccatcaa atacttatgc tcctcatagc caaggaggta 120  
 ttccacctcc tgctggaatg taattaaagg gagaaacaca ctgtatgaaa tatatgtcta 180  
 tatcatgact tgttgccaac atcttgaggc acattatttg ttccaataa aagtaatgtt 240  
 tttttttttt aannccccc anagatatca cctcacaccc atcagantgg ctactgtaaa 300

<210> 1545  
 <211> 267  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(267)  
 <223> n = A,T,C or G

<400> 1545  
 aattccggtg ctgtcgggtt ccactattga cactgcccg ctgattcaag cttttggcca 60  
 tgaaagagta tgcttggtac ccagacgaat taaattatat agcagcatca ccaaccaaca 120  
 gaggagatac cttgagaagc ggagcaaaca cagcaagaaa gtgntgaaga ctggncantc 180  
 ccctatngac ttntgatcac accagaangn atcncattca agnancnnnc catntatant 240  
 tnncccttacn ntaannnnnt nnctngc 267

<210> 1546  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1546  
 aattccggtg ctgtcggggag tacccgggatt ctgatggaac ctcatctgtt tgaattacta 60  
 gccagaggg tcatcactct ttacctgcaa acagtacctt ctctgatgtc tgggagagggt 120  
 gggtttatttc ccatatactt gttaagtgtg gatcttgagg aagaacaact aacaccagaa 180  
 acatcacatg ttggctgttg gggaggtgct tgtccatttt gtatcccttt tattttttcc 240  
 caatcaacag agatccagtt agaaggagca gcaagacctt ccaggaggcc atgctggaag 300

<210> 1547  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1547  
 aattccggtg ctgtcgcagt gagcgggtct gggcggctgc tggcagcgcc atggagacgg 60  
 tacagctgag gaaccgccc gcgcggcagc tgaaaaagt ggatgaagat agtttaacca 120  
 aacaaccaga agaagtattt gatgtccttag agaaacttgg agaaggatta ctgtagatgc 180  
 agtatatgga atcaggaatc ttaacttcac gtgagctatt ggagtttcct ttgctatcag 240  
 gatcataagg gaggtctat gcagcgtata caagctattc ttaaggagac cggccagatt 300

<210> 1548  
 <211> 300  
 <212> DNA

<213> Homo sapiens

<400> 1548

aattccggtg ctgtcggttc tgttttgttt ttggttttct ccttgtgtca gttctcttct	60
ggcccagctg ggtggctgtg gaagtctgtg aggtggccca accacaagca tacctattaa	120
gagaagccca gagcttccag cccccacttc gaaaactctc tctggccac atagcaaaact	180
ccttcttccg tatttttccc aaccacagaa tttttttaa aaggccactt tgccggaacc	240
ttctttgggc cattttggtt tccaatcaag cccaagggtta tatgaataaa ggggggttaac	300

<210> 1549

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1549

aattccggtg ctgtcgagca ctctatgttc gttatctcat ttgtcttaag tatgtaaata	60
gggaactgat gaataaaaag gtgagtgaag tgacttggtc acaaaaaaag tgataaaat	120
ggggattaca gttcagtttc attgactctt agaatttttt ctccttctcc ccagcttttc	180
attttgaaaa aattcctaac atacagtaaa gaacagaaca acaagcacct agattaaata	240
gtcattaatg ttttgccata gttgcttgat ttttctttct acacacacac acacacacac	300

<210> 1550

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1550

aattccggtg ctgtcgcttt tacggaatta agcagagaaa atgatgaaga gaaagtcacg	60
tttaatttga gtaaaggagc atgtagctca tccggagcaa catcttccaa gtcaagtact	120
ctgggaccga gtgactgaa gacgatagga agttcagcat cagtgaacg aaaagaatct	180
tcccagagct caactcagtc taaagaaaag aagaaaaaga aatctgcact ggatgaaatc	240
atggagattg aagaggaaaa gaaaagaact gcccgaaacg actactggct acagcctgaa	300

<210> 1551

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 1551

aattccggtg ctgtcgagcc tctagacatt gcggccgcta tctacgtaga tccagacatg	60
ataagataca ttgatgagtt tggacaaacc acagctagaa tgcagtgaac aaaatgcttt	120
atttgtgaaa tttgtgatgc tattgcttta tttgtaacca ttataagctg caataaacia	180
gttaacaaca acaattgcat tcattttatg tttcagggtc agggggagggt gtgggagggt	240
ctnatgtcca ccagnagttg ttcnaccct cncangtnc cagggtgggt cacctgatac	300

<210> 1552

<211> 244

<212> DNA

<213> Homo sapiens

<400> 1552

```

aattcaaggc ctctcgagcc tctagacatt gcggccgcta tctacgtaga tccagacatg      60
ataagataca ttgatgagtt tggacaaacc acaactagaa tgcagtgaag aaaatgcttt      120
atttgtgaaa tttgtgatgc tattgcttta tttgtaacca ttataagctg caataaacia      180
gttaacaaca acaattgcat tcattttatg tttcagggtc agggggaggt gtggggaagg      240
ttaa                                         244

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<210> 1553
<211> 300
<212> DNA
<213> Homo sapiens

```

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<400> 1553
aattccgttg ctgtcgggta gaaatgggtc catttaaaca tacggttgat gatggtcttg      60
atattagaaa ggcagcattt gagtgtatgt acacacttct agacagttgt cttgatagac      120
ttgatattct tgaatttcta aatcatgttg aagatgggtt gaaggaccat tatgatatta      180
agatgctgac atttttaatg ttggtgagac tgtctaccct ttgtccaagt gcagtactgc      240
agaggttgga ccgacttggt gagccattac gtgcaacatg tacaactaag gtaaaggcaa      300

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<210> 1554
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 1554
aattccgttg ctgtcggcct tgttacagca aatactatcg atcagaaaat tgtggaaaga      60
gcagctgcta aaaggaaact ggaaaagtgt atcatccata aaaatcattt caaagggtgt      120
cagtctggat taaatctgtc taagaatttc ttagatcccta aggaattaat ggaattatta      180
aaatctagag attatgaaag ggaaataaaa ggatcaagag agaagggtcat tagtgataaa      240
gatctagagt tgttggttaga tcgaagtgat cttattgatc aaatgaatgc ttcaggacca      300

```

```

<210> 1555
<211> 299
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(299)
<223> n = A,T,C or G

```

```

<400> 1555
aattcaaggc ctctcgagcc tctagacatt gcggccgcta tctacgtaga tccagacatg      60
ataagataca ttgatgagtt tggacaaacc acaactagaa tgcagtgaag aaaatgcttt      120
atttgtgaaa tttgtgatgc tattgcttta tttgtaacca ttataagctg caataaacia      180
gttaacaaca acaattgcat tcattttatg tttcagggtc agggggaggt gtgggagntt      240
tccntaatn taanactnn atgncnctag natgttacat gatgncnngn ncctgtgct      299

```

```

<210> 1556
<211> 291
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(291)
<223> n = A,T,C or G

```



```

<400> 1556
aattcaaggc ctctcgagcc tctagacatt gcggccgcta tctacgtaga tccagacatg      60
ataagataca ttgatgagtt tggacaaacc acaactagaa tgcagtgaaa aaaatgcttt      120
at ttgtgaaa tttgtgatgc tattgcttta tttgtaacca ttataagctg caataaaca      180
gttaacaaca acaattgcat tcattttatg tttcagggtc agggggagggt gtgggaggnt      240
ttgnccccct ntggcctttc ctancancct tcnaacctna cnnnacacct c              291

```

```

<210> 1557
<211> 300
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(300)
<223> n = A,T,C or G

```

```

<400> 1557
aattccggcc tgtcgagcct ctagacattg cgggccgctat ctacgtagat ccagacatga      60
taagatacat tgatgagttt ggacaaacca caactagaat gcagtgaaaa aaatgcttta      120
tttgtgaaat ttgtgatgct attgctttat ttgtaaccat tataagctgc aataaacaag      180
ttaacaacaa caattgcatt cattttatgt ttcagggttca gggggagggtg tgggagggtt      240
ttacaatgtc cgctccatgc ccatccgcaa ggacgacnag gccaggtagt tcnaggacac      300

```

```

<210> 1558
<211> 300
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(300)
<223> n = A,T,C or G

```

```

<400> 1558
aattcaaggc ctctcgagcc tctagacatt gcggcccgtc atctacgtag atccagacat      60
gataagatac attgatgagt ttggacaaac cacaactaga atgcagtgaa aaaaatgctt      120
tatttgtgaa atttgtgatg ctattgcttt atttgaacc attataagct gcaataaaca      180
agttaacaac aacaattgca ttcattttat gtttcagggt cagggggaggg tgtgggagggt      240
tttantncta gnnanattnt gnanatnatt ncttttaatc nnnngnatnt aattacatgt      300

```

```

<210> 1559
<211> 291
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(291)
<223> n = A,T,C or G

```

```

<400> 1559
aattcaaggc ctctcgagcc tctagacatt gcggccgcta tctacgtaga tccagacatg      60
ataagataca ttgatgagtt tggacaaacc acaactagaa tgcagtgaaa aaaatgcttt      120
at ttgtgaaa tttgtgatgc tattgcttta tttgtaacca ttataagctg caataaaca      180
gttaacaaca acaattgcat tcattttatg tttcagggtc agggggagggt gtgggagggt      240

```

ttaancangn tcttgatgaa tgtgctttgt gccaaaatgc ctncaccattg t 291

<210> 1560  
 <211> 297  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (297)  
 <223> n = A,T,C or G

<400> 1560  
 aattccgggc tgtcgcgcct ctagacattg cggcccgcta tctacgtaga tccagacatg 60  
 ataagataca ttgatgagtt tggacaaacc acaactagaa tgcagtgaaa aaaatgcttt 120  
 atttgtgaaa tttgtgatgc tattgcttta tttgtaacca ttataagctg caataaacia 180  
 gttacaaca acaattgcat tcattttatg tttcagggtc agggggagggt gtggnagggt 240  
 tttctggaca gttcacgctg ncaatgaaat gngacctatg ntatccattg tcctgga 297

<210> 1561  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1561  
 aattccggtt ctgtcgggtt gttcgtcaca aggcacgcga gaagggttat gctatgaagc 60  
 ttcttagtaa gtttgaaatg ataaaaagat cagattctgc ctttttttgg gaagaaagag 120  
 atattatggc ctttgccaat agccctggg tgggtcagct tttttatgcc tttcaagatg 180  
 ataggatatc gtacatggta atggagtaca tgcctgggtg agaccttgta aaccttatga 240  
 gtaattatga tgtgcctgaa aaatgggcca aattttacac tgctgaagtt gctcttgctc 300

<210> 1562  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1562  
 aattccggtt ctgtcgcgtg cagccacaat gccttctgat gtgcttgagg tgaccaagaa 60  
 gttcatgagg gaccccatc ggattcttgc caagaaggaa gagttgaccc tggagggtat 120  
 ccgccagttc tacatcaacg tggaaacgaga ggtggggccc agtgcaggag gcgggccttg 180  
 tagtgagttg ttgggtatag ccctgactg atttttgtcc cccaacctcc aggagtggaa 240  
 gctggacaca ctatgtgact tgtatgaaac cctgaccatc acccaggcag tcattctcat 300

<210> 1563  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1563  
 aattccggtt ctgtcgggccc ctgtcctgaa ccagatgaga aactttggga tcctgtcggt 60  
 tactactatt cagatggctc ccttaagata gtacctgggc atgcccgggt ccagcccgtt 120  
 ggggggcccc cttgccacc tccaggcatc ccaggccagc ctctgccttc tccaactcgg 180  
 cttcacctgg ggggtgggcg gaactcaaat gccaatggtt acgtgcgctt acaactagga 240  
 ggggaggacc ggggagggtc cgggcacccc ctgcctgagc tcgaggatga actgagacgc 300

<210> 1564

<211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1564  
 aattccgttg ctgtcgaaat ttttgaaggt cttggcccaa aagttgaact gccactgtat 60  
 aaccagccat cagataccaa ggtgtaccat gagaacatca agacaaacca ggtgatgagg 120  
 aaaaaactca ttttattttt taaaagaaga aatcatgcaa gaaaacaaag ggaacaaaaa 180  
 atctgccagc gttatgatca gctcatggag gcatgggaga aaaaagtgga cagaatagaa 240  
 aataatcctc ggaggaaagc taaagaaagc aaaaccaggg aatactatta aaaagcagtt 300

<210> 1565  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1565  
 aattccgttg ctgtcggatg ctcagagtgt agtggatatt tatgtaaaact atgactgtga 60  
 cttaaatgca gccaatatat ttgaaagact agtaaatgat ctatcaaaaa ttgctcaagg 120  
 aaggggcagt caagaacttg gtatgagtaa tggtcaggaa ttgagcctga ggaaaaaagg 180  
 tttagaatgc ttagtgtcga ttttgaagtg tatgggtgaa tggagtaagg atcagtatgt 240  
 gaatcccaac tcccagacaa ctcttgggtc ggaaaaaacc tcagagcaag agatgagtga 300

<210> 1566  
 <211> 1076  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (1076)  
 <223> n = A,T,C or G

<400> 1566  
 cncangttnt ngaaaacccc ctttttgggn aaaaaactcc ccccnngtnt nctttttttt 60  
 tggncagggg gaatacncca ancccgcaat ttcnngnana ggttnagggg ggnangggan 120  
 ggcaggggaa nngagnccgg ggcttggcnt ncngaaaacc ngnanttttt tgtgggacgg 180  
 gggggagggg ncngggggga ccggaataaa agcngggggg tgggggaaaa ggnaantngg 240  
 ttttcaaagg ggaatccaaa aacggggcgn aatgggttaga ngggnggacc ctnggncctt 300  
 ggggggaagn gnnacnngaa tttgnaaagg ganggnnnaa atcnngggaa ngtcccngga 360  
 anaacgggga naagggggcc cangagggan gggctcccca agnggatttt ttaacggaca 420  
 catggaacga agnaagggtt gtngggaggg ctcnaaaatg ngccngggaa nggggcnntc 480  
 cangnggggn gggtanngta acannntcnc ggacaanatg ggnggccact nantngaaaa 540  
 nnaatcttgt tgctattaaa aaataaagct gacccancgg gngaagtngc tnaatgggga 600  
 atgcaaantn nttgaggggn ccngggngac gnnactaaat tgnggtcaaa ttnttgaana 660  
 nacggnnaat gggngaantg gcaagtgan gnaacctant actcaangan ntthttattga 720  
 tnggnnagan ggagnaagac cttgggaaga anccncttg gggcttatga aacgggggaat 780  
 aaaatagggg gnaangtggc natccnttct ttggggacan gggaacttgc tcagggggga 840  
 aanggaacat ggaggcgggg nggcgcaagg gncctgctca atngngttct taatgnnanc 900  
 cttgncttaa aanggagant aangngaaan aagtgggggn nattgttggg naantntatt 960  
 tggggggaat antgggcacg ggctnaataa ataanngcnc gnaggcccat aangggaggc 1020  
 cncnangggg accccttgga nnattgggca gangnanctt tntnannnag gttaan 1076

<210> 1567  
 <211> 745  
 <212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(745)

<223> n = A,T,C or G

<400> 1567

```

cttggtttt tgcaggatcc catcgattcg aattcggcac gagcagagct tagacatcca      60
aaactaatca atgctgaggt ggctaaatac ctagcctttt acatgtaaac ctgtctgcaa      120
aattagcttt tttaaaaaaa aaaaaaattg ggggggttaa tttatcattc agaaatcttg      180
cattttcaaa aattcagtg c aagcgccagg cgatttgtgt ctaaggatac gattttgaac      240
catatgggca gtgtcaaaat atgaaacaac tgtttcaca cttgcacctg atcaagagca      300
gtgctttctc atttgttttg cagagaaatg tttttcattt cccgtgtgtt tccatttcct      360
tctgaaattc tgattttatc cattttttta ggctcctctt tatctccttt ctttaaggcac      420
tggtgctatg gcacttttct ataacctttt cattcctgtg tacagtagct taaaattgca      480
gtgattgagc ataacctact tgtttgnata aattattgaa atccatttgc accctgtaag      540
aatggactta aaagtactgc tggacaggca tgtgtgctca aaggacattg attgctcaaa      600
ttttaaggaa atgggnccaa tgaaccgtng gttgtgggga aggggaaaga ngaaaccnga      660
gcttggctcan aatgtggaaa tnggatctgg tggnaataaa catgttttaa accaanccnn      720
nnnnanaaaa aaagncctt tttta                                           745

```

<210> 1568

<211> 674

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(674)

<223> n = A,T,C or G

<400> 1568

```

acgaggctgc atctgnnnnn aggatgccac cctacgctgc gctggctgcg atggggacct      60
cttctgtgcc cgctgcttcc ggtgggtgca ggtggaatgt tctgtgagag agctcaaggg      120
ctgcctggat cctgacttg tatccctttg ttccacagag agggccatga tgcctttgag      180
cttaagagac nccagacatc tgctactct cctccacgtg caggccaaga gcactgaaga      240
caccctggtc ctcctggaag ggcagtccca caggcagcgg caccatttc tgggccccgc      300
cacaggacgt ccgatgggag agcttgtctg gctctactga tgatggatag gcccttctct      360
gagccttggg gtccttgaa tgaggaaaga ttctccattc gagagaatga ctgggagggga      420
agaagtcggg gccctcctat tagaagccca gactggaagt gagaggcatg atggggagag      480
accagactga atctacgggt gagccctgta acctggctct agggcacang cccctccctg      540
gcacttantg ggtctaataa agtatgttga ttcattggga aaaaaaance nntcntngnt      600
nnannnaana nncctcccc cccttaaaaa anttntnggg ggggnntttt ccctnanccc      660
nnanttnaaa aaan                                                         674

```

<210> 1569

<211> 747

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(747)

<223> n = A,T,C or G

&lt;400&gt; 1569

gnnnnnnnnnn	nttnnnnnnn	annnncnnatc	gantcgcacg	agctgcacat	gcaatgagga	60
tgccacccta	cgctgcgctg	gctgcgatgg	ggacctcttc	tgtgcccgt	gcttccggtg	120
ggtgcaggtg	gaatgttctg	tgcgagagct	caagggctgc	ctggatccct	gacttgatc	180
cctttgttcc	acagagaggg	ccatgatgcc	tttgagctta	aagagcacca	gacatctgcc	240
tactctctc	cacgtgcagg	ccaagagcac	tgaagacacc	ctggtcctcc	cgggaaggga	300
gtccacacag	cagcggcacc	catttctggg	ccccgccaca	ggacgtccga	tgggagagct	360
tgtctggctc	tactgatgat	ggataggccc	cttcctgagc	cttgggtgtcc	ctggaatgag	420
gaaagattct	ccattcgaga	gaatgactgg	gaggaagaa	gtcngggccc	tcctattaga	480
agcccagact	ggaagtgaga	ggcatgatgg	ggaaaagacc	agactgaatc	tacgggtgag	540
ccctgtaacc	tggctctagg	gcacagcccc	tcccctggca	cttantgggg	tctaataaag	600
tatgttgatc	attggganaa	anannncnn	atcnnncnn	cnnncnccct	ccccntnaaa	660
actttggggg	cnntttctc	aacccccct	ttaaaaanacn	ttgnggttnn	nnacccccctc	720
ctanntnnnn	nnnttctct	ccnccn				747

&lt;210&gt; 1570

&lt;211&gt; 754

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(754)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1570

ngggnnnttn	nnnnnnnnng	nnngnnnnng	ngngnnntt	ctaagtcttc	caacagnnc	60
nggggctcga	actcgtcca	cgcagccngg	cngtgnga	tgggcacgag	gacngcacac	120
ntcacggggt	gccctccaa	cnctncgcat	gagagaccn	gngccaatat	cggggggntc	180
aatgaccann	ngggctcagc	atgganaaac	agngccctgc	ctgaaggga	gnnagaatca	240
aaaggatctt	accctngta	tcangagggn	ggctatgctc	cctccatncc	aagnngagcc	300
cnggactaga	aagcacgatg	ncgncnnaca	tctactgna	ncgcctaaac	anaatccctn	360
ctcctgang	ggcnaaacgn	cctcatccn	aatncaacan	tgggcnnгаа	ngactgaaaa	420
tcgcccgaac	tcancacat	gatcggaccg	ggacantcag	accctntcct	gccncanchn	480
ncgncnatcg	atccgaaaag	tgnanntatn	agcacaacna	cgggggaggc	atanggaccc	540
tgnagaaaag	aacnngcncn	nnctcncnng	gactgccatg	aaggntagcn	gcctaaaaatc	600
nnnnectgac	actcggagg	ccgccacaan	nnngnnnaagn	nanggcnnга	cgnnacactg	660
gntgaaaaaa	annnnngnn	nnnnggnnaa	accnngccc	nnnnnacnnn	nnngngncgn	720
annccnngcc	ccnnnnnacg	atnggnnccc	nngc			754

&lt;210&gt; 1571

&lt;211&gt; 761

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(761)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1571

ttaatanatc	cttgattgg	cngatccatc	gattcggg	aaaatcgaaa	tcaagttatc	60
cgatattcca	gaaggcaaga	acatggcttt	caaattggaga	ggcaaacc	tggttggtgcg	120
tcatagaacc	cagaaggaaa	ttgagcagga	agctgcagtt	gaattatcac	agttgagggga	180
cccacagcat	gatctagatc	gagtaaagaa	acctatcang	ataaccatt	cagggtttctt	240
tactcgatct	agatcatgta	aagaaacctg	aatgggttat	cctgataggt	gtttgcactc	300

```

atcttggtcg tgtaccatt gcaaatgcag gagattttgg tggttattac tgccttgcc 360
atgggtcaca ctatgatgca tctggcagga tcagattggg tctgctcct ctcaaccttg 420
aagtcacac gtatgagttc accagtgcag atatggtgat tgttggttaa gagacttgga 480
ctcaagtcnt aggcttcttt cagtctttat gtcacctnag gagacttatt tgagangaac 540
cttctgtact tgaagttgat ttganatatg taagaattga tgatgtattt gcaancatta 600
atgtgaataa attgaattta atggntgaat actttcaggg attcacttaa taaagacact 660
ggtttaaccac tgnatgctc aatcataccc nctaaaagg acaaattggc tttttaccta 720
atnctaattn aaaaattncc ngactggngg taaaaaaaa a 761

```

```

<210> 1572
<211> 712
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(712)
<223> n = A,T,C or G

```

```

<400> 1572
agnttcgaat tcncccgagg ttacatcaag agataaatag agtgaagcag aactagtgg 60
gcggaccagc tcgccagcaa cagaagggtt tgtagtcggc ctggcagtgg acagggagg 120
tggttagaac tattacctta ggtccgtgat aatatccctg aatccaactt ttcagaaaga 180
aataggtaac atatttttca ccaggaagct tcacccagac actgaacaga atgggtctcag 240
tgcactaatg gaggtcagt taaagggttg tggtagcaca aggaagagac attctgactt 300
ggaaatttgg agaaggcttc acaaattgaag gggcatttga aatgagcttt gaagggtgcaa 360
gagtattcca agttgagaag acaacctgag tgggtgttgg tgaacagtca ttctacctgg 420
ctgtagtgtg gtatagtgtg gtgtagtgtg ggaacatca gaggagtggg gtgggatatg 480
agcctggaga gagctggcgg ccatggatca ttgaaagcct tgaatgtctg atggggagg 540
tgactttatt ttgtaggcaa tggaaaccac catgggtttt agttgagcag catgaaatta 600
agcctgtgct ttgcaaagat taatctanca ccaccagatt gaagccacac cccatttctg 660
gtataatcca gtaaatatat acactnttcc tgtattgggc cataaaggct tt 712

```

```

<210> 1573
<211> 1259
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1259)
<223> n = A,T,C or G

```

```

<400> 1573
ttcnacnnnc aantnncnnn tcgtnttatn tancaangta ttngnncan gntanntntc 60
atatgttnaa aacnggnnnc gnttantant anacnctann nntannngana ngtnncnctn 120
tanatctgtg ncaaataatat cgtnangtga actcanngnn nacacnacan atntnntngt 180
anacncannn ccagantnct tgaactntct nncacaanca tnnngaaana aatacntagt 240
nntnccaatt tattgatcgn antnngcagc agaaaacacc ntncatggca cctcgttttg 300
nncaaataag gctatgtttt tgaaagtaac ctttccacaa gncaataaca gaagctatgg 360
tgaaatgtaa aaattcacia ttctactttg ttctactgag tgcccaatca acgattcata 420
cagttgagat gaatgtgaca aaactctcta tagataaata tatattgcct aagtttatct 480
atatatatat gtctttgtgt gtaatttca tacacagata tattgcaana ganattaaat 540
antctnctt acataaacca ncnttaggat cattntncca gggaatatga ganttacacn 600
catagntcc tatgantgga ncatnnagac atatnataaa cnntttanga aaagantang 660
ccattnnatn tctcctgatn tcatnaactt nannccnca tnanttcnca ncanctnntt 720

```

tncatctnct	tangntngcn	ctnannnnan	tnncaattcn	tagtatggac	tctnnntttn	780
cgancagann	gtntncttca	tntccnaatn	tantatnanc	taacanaatn	tgggnnatatn	840
ntgccatnta	nntccgnaan	acgcatatna	tnnecgtagna	ccnacngtnt	cacntntnct	900
cncttatcta	ccacattgat	cgtntntagca	ncggctcgta	cantntntca	tatacatcgn	960
anatctcgcn	atntcnacat	ataattanan	nnnantatnn	atgnaangt	nctctnatat	1020
gangtgcaca	taattcatnc	gagtnacagn	tntanatnna	catanantnt	ctactgtttt	1080
annccgncat	gtcagnatat	gtttcgagnt	cnctnnntca	tcgannnacg	ncgtgcntnt	1140
ctcacgtctn	ttatcgncn	ntatcatgcn	cnatttnttc	ntctgtantc	atnttatgca	1200
tatanagtga	cgnacnnatc	tcnatcattt	tcatatnttt	tnctcggtan	canactncn	1259

&lt;210&gt; 1574

&lt;211&gt; 768

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(768)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1574

gnnnnntttn	agatcngctc	tttctatnt	gcaggatccc	tcgattcgaa	ttcggcacga	60
ggtcccagga	aattcctccc	cttattcttc	cttgaagtgc	ccgagcatgt	agggcaagaa	120
ggaaggctga	agcgctgtcc	ctaggaggaa	tttctccttc	aggggagcct	cagttttgcc	180
catttatcta	attgaatcag	ttttttacc	aatccccga	ttttgtagga	taatctccct	240
tatctaaagt	caactgatta	tggacttta	tcacatctac	aaaacacttc	catggcgaca	300
gctagatgag	tgtttgaata	actgggactg	tagcccgctc	aagttgacac	ataaaactga	360
ccatcggggc	gggggcggtg	gtcacgcct	gtaatcccaa	cactttggga	gcccagggcg	420
ggcgagatcac	aagggtcagga	gttcgagacc	agcctggcca	acacggtgaa	accccgactc	480
tactaaaaat	acaaaaaatt	agcccggtg	tggtggcaca	cacctgtagt	cccagctact	540
cgggaggctg	angcaggaga	atcgtttgaa	cctgggaggg	agaagttgca	gtgagccaag	600
atcacactat	tgcaactcca	ncctgggcga	cagggcaaga	actctgtctc	aaaaaaaatt	660
aaaactgacc	atctagtcct	tggcatctgg	gcacccttna	aaaaaagcct	tntagaacta	720
tagtgagtcg	tatttacgta	gatccagaca	tgataagatc	cattgggtg		768

&lt;210&gt; 1575

&lt;211&gt; 752

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(752)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1575

tcagctctnt	ttatatatgc	aggatcccat	cgttgcnnt	tctgcacgat	cgtatcanga	60
nattcctgcn	cttattcttc	cttgaagtgc	ccgagcatgt	agggcaagaa	aggaaggctg	120
aagcgctgtc	cctaggagga	atttctcctt	caggggagcc	tcagttttgc	ccatttatct	180
aattgaatca	gttttttacc	caatccccg	attttgtagg	gataatctcc	cttatctaaa	240
gtcaactgat	tatggacttt	aatcacatct	acaaaacact	tccatggcga	cagctagatg	300
agtgtttgaa	taactgggac	tgtagcccg	ccaagttgac	acataaaact	gaccatcggt	360
ccggggggcg	tggctcacgc	ctgtaatccc	aacactttgg	gagcccgagg	cgggcgggac	420
acaaggtcag	gagttcgaga	ccagcctggc	caacacggtg	aaaccccgac	tctactaaaa	480
atacaaaaaa	ttagccgggt	gtggtggcac	acacctgtag	tcccagctac	tcgggaggct	540
gangcaggag	aatcgtttga	acctgggagg	cagaggttgc	agtgagccaa	gatcacacta	600

```

ttgcacttca ncctgggcga cagggcaaga ctctgtctca aaaaaaatt aaaaactgac 660
catctagtcc tttgcatctg ggcacctna aaaaaaagc cttagaact atagtgagtc 720
gtattacgta gatccagact tgataagatn cn 752

```

```

<210> 1576
<211> 767
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(767)
<223> n = A,T,C or G

```

```

<400> 1576
gaattcgenn ncagacaaga aaaatgattc aaaaaantnt tgagccactt ttggataagg 60
aatcaatttt ttagaatcct actttggatt taccttggtc tatagggaga actgagggaa 120
ctgcacattc atccagtacc tcagatgtgg atttcacggg tgcttccagt gcaaaagaaa 180
ctacctcgtc tagcatttcc aggcattatg gattatctga ctccagaaaa agacgcgtac 240
aggaagatct tggcctgctg caataccaca tttgcggaga agaagaggtc gtcttccaag 300
aagagcactc cagactcaga actcagaaat tgtaaaagat gatgaaggca aagaagatta 360
tcagtttgat gaactcaaca cagagattct gaataactta ncacgatcag gaggtncaac 420
tcaatcatct aaagaactcc attaccaagt tattttggtg ctgcaggtag aatagcatgt 480
ggcgaaaaat cccgagtttt ggcacgtcgg gtgacacttg atggaaaggt gcagtntctt 540
gtggaatggg gaaaggacca actgcacctc gactgtaagg acngaacatt atgttccact 600
gcactctgat tttctgtang gtaccagtcc caaaccccta aaggagccnn ggcttntact 660
atttttnttt taaaanacan antnncnacc ncnctttncc cntatntcc nntcnncccc 720
ccnnnttcen ntcccccttc cctnctnctn ctctncccc acncccn 767

```

```

<210> 1577
<211> 1000
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1000)
<223> n = A,T,C or G

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<400> 1577
annctntnc nnacatcngn nnnntcnct nattcaaaanc cttttcaatn tcnctnacgn 60
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tatntttaca atnctttatt anannaatnt ntntntcent nctttanaac anctntntcc 180
nannaanttc nnttatttta attnctcenn acccnacctt ttncnattca anantnancn 240
aattntanc tnnnnaatnt actaaacnca nacncatnac cactantacc ttnaatntac 300
atcannctat ttnttantcc cttatannct anctttctta tcatantacn nctatntatt 360
ctactcttna ncatatctca nctcatcnch ncnaccttct atatntattt tnttncnat 420
aaaattctta ttcttcaanc annaaaatca catttnattn cactatctca ataaaaantn 480
nnactccntc naatectctc taacaatnat tacattacat atnaattaaa ntcantctnc 540
tnattcanaa tcattctatt ntcccactat aantatntcn tcttcantta tantantntn 600
ctnctactn cmatanaat anaantttca aattcantaa tacantcata annctaaaaan 660
acaaataatn taantatan tcccacacca ctanccnta taantattcn tntatattct 720
aatcatnct ntattcttcn acnttttcat tnnccannnt caantnatct antanatatt 780
tntntannt cactcnntan ctttatnant antntnttt tananacant ataccntcta 840
acnatnatct ttntentact tnaantctnc atattnatca tnnntncatn atnactattt 960

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naaaatcnta tcacanccttc tancacactn cncntntnnn

1000

<210> 1578  
 <211> 727  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(727)  
 <223> n = A,T,C or G

<400> 1578  
 anntcaatcg nacgagactg ttcagttctg gcttgaaaat gtgtgtgcca tactgtgacc 60  
 cacgggcagc cctcctcct ctactgtgtc aggtggacca gggtcacctc tgttctgcgc 120  
 agctttgaga ttctaggatt ctacggccgg cacgaatggc atgggagggg tctctgcacg 180  
 ggacggcata acggcatgcc atccttcagg ctggcaggag cctgcgcagg tgtggcaaaa 240  
 tcttgaaaca gcctgtgtcc tgcctggcct ttcactttcc tattaatat aagaaagcac 300  
 tttttttct gctttaccta caaatgggtt gaaaatggcc tctctgtcc tctcctctct 360  
 tttatacact ctgtaaaatc acaaagggtc ttcaacaccg actgtcatgc agtgcgtttt 420  
 tgtgaattgg cagtttctgt ataaactctt atttatataa naaaaaaaa aannnnnnnn 480  
 nnnnnnnnnn nnnnnnnann ccccccccn naaaaatntt gggggggntt tttccgnnan 540  
 ccnaactnn aaaaaacnt tgggnnnntn ggcncncncn cccnnnaaaa nnnnnnnnnn 600  
 nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 660  
 nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 720  
 nnnnnnc 727

<210> 1579  
 <211> 1039  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1039)  
 <223> n = A,T,C or G

<400> 1579  
 ccagccanaa nacngngana aaaggncnga cgnanacaga nnncgannnc gacgccngnn 60  
 gaanaagcan anancacccc cccaggcgtt ggaacccttc anagncgacg aaggcagacc 120  
 cacgancgaa ccggcacgag actgannaga ncnggcncga aaaagtgtgn gccatactga 180  
 gaccacggg cagccncnc gccnctacag ngncaggngg accagggaca ccncnggacn 240  
 gcgcannacn gagaannaag gaancnangg ccggcacgaa gggcaaggga gggannnctg 300  
 cacgggacgg canaacngca agccagcctn caagcnggca agancagcc agngggcggc 360  
 aaaaacaaga aacagcccga ggcncagccc ggcncncaac caggcccnna ncaagaaaag 420  
 anaagcaccn gngcnggacg gcngnaccca cacaacgggc acgnaaaaag ggcngcccgc 480  
 gnggacacng cnnnncatng gaaaccaccn ccnggnaaaa ancaccanaa gggggccngc 540  
 anaaaacccg aacnggganc aagngccann cagnncgggn aaanaggang naaaaacngg 600  
 ccagnnngcn accngggaaa aaaaaaacgn cncnnnatn gncgcnnnncn cnnncacggc 660  
 aananaccan agcgggacag acanngancg canacanang cgancggaga ananggaaag 720  
 aaggagagaca aaacagcang annagcgaan anggnacacg cnacacgcac agcgangnng 780  
 nancaaaagn annncncgca nnannagnn ngacgnnncc ccaaaacgac nnacgnnnng 840  
 gnggacgcac nngcncacna ganggcgnnc ngacgnnncc ccaaaacgac nnacgnnnng 900  
 gagcaganaa cgacgcacna naaaggacgn anganncann nccnggaana aagnagaaa 960  
 nngnngnacn anggcgacnc caggagacaa canangnnaa agcnaagccc cnagnacaaa 1020  
 agcaccaaaa naancnccg 1039

<210> 1580  
 <211> 759  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(759)  
 <223> n = A,T,C or G

<400> 1580  
 gcnntttgat ntncatacan ctacttggtc tttttgcagg atcccatcga ttcgaattcg 60  
 gcacgagctg ccttccaaca aaatcgtaa gggggcagag gagttggtgg ggcaggagtt 120  
 gccttattcg ctgaccagtg acaactgcga gcacttcgtg aaccatctgc gctatggcgt 180  
 ctcccgcagt gaccaggtgc atcttcagcc tgcattccct tcccaggagc caggccactc 240  
 cctcagctgc cagaggtctg gtccctgctg gggccagggt gggatggaaa tagacatgag 300  
 caagacaaaa tagcagatat gaaactgttg tccttgaggg tgtcacattt ggggtgggga 360  
 caaggggtggg gagataggca agtcggcaat gtagaccagt gcagtgggtt ggggggtggc 420  
 cacagaaggg agtcacagcc tgaaacagcc ctccacagcc ctagaggccg gctttatgat 480  
 tcccacttta cagatgggga aactgaggct caccgtgctt aagtaacttg tccaaattca 540  
 ttaaactcct agttattgag tctctagtc atgtcancca tggggaagaa cgggggagtt 600  
 aaacctacat gtgttctctc caagggtccc gatcaaggaa agcttttgta gaaanangtc 660  
 acacccgagc ccacctgatt taattatttt gattaatctt gaaaaaaaaa tgaacctgga 720  
 gattaccagg gaaccggggg ccaataanga agtgtagct 759

<210> 1581  
 <211> 980  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(980)  
 <223> n = A,T,C or G

<400> 1581  
 nntnntnnnn tnnnnnttn tnnntnnnn nnnntnnnn nnnntnnnn nnnnnnnnnn 60  
 nntnnnnnnn nnnnnnnnn ncangnnnn nnnntnnnn ntntctntn nnnnnnnnnn 120  
 nnnntnnntc ccccccnc cnnnncccc ccccnncnt tnnntnnnn anganntacc 180  
 agtagganag aagttatnct accacatgaa tnatnttgcg gncttgtag agttggtggg 240  
 gcaggcagnt gccttattnt ntgaccngng acanctgnna ncacngggtg annnntntgc 300  
 tctntggcgn nccccntgt gaccaggtgc atcttcagcc tgcattccct tcccaggagc 360  
 caggccactc cctcagctgc cagaggtctg gtccctgctg gggccagggt gggatggaaa 420  
 tagacatgag caagacaaaa tngcanatat gaaactgttg tccttgaggg tgtcacattt 480  
 ggggggtggg acaaggttg ggagataggc agtcggcaa tgtataccat tgcagtgggt 540  
 tggggggtgg cccacanaag nggagtcaca gcctgaaaca cccctncac agcccttaga 600  
 ggccgggctt ttatgattcc cacttttaca ggatggggaa actgaggctt caccgtgctt 660  
 aaanttactt gtnccaaatt cctttaaact ccctagtnnt tgagtctcnt aagtccattn 720  
 tcagccccatg ggtgaaatag ccnggggggg aatttaaaac cctacnttgt gttcttttcc 780  
 caagggggccc ccgantcaaa nggaaaggct tttggtatna agaanggtca ccacccccga 840  
 gccccagcct tgattnttaa atnatnttgg ttttaattct tgaaaaanaa antgaactng 900  
 ggatattacc agggaaanccn gnngggccaaa ttttaattgg atgttttngc cntaaggga 960  
 ccancctgtn agnccnngcg 980

<210> 1582  
 <211> 1336

<212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)...(1336)  
 <223> n = A,T,C or G

<400> 1582  
 aggnnnngnnn nnnnnnnngnn ngnnnnngnnn ngngnnngnng ngnnnnngggn nnnngngnngn 60  
 ggngnggggn nngnnnnnnnn nngannnnngn gnnnnnnngnn nnnnnngggnn nnnngnnngnn 120  
 ngnnannnnna gangnnnnngn nngnncnnna ngangggngg nngnnnnnnnn nnnnnnnnnnn 180  
 nnnnnnnnnnn gnnngcngnt angntgggaa aaaanccccc ntttttgggg aagaaanann 240  
 ccccccnngn ntncctttttt ttggggccnn gggggnaaan cgccccaann ccgggggaag 300  
 ggggcggnnn aanatgtgnc gggggncnaa ccgnaagg ggaangnga nagnnnnng 360  
 ggannnnnnng nnnngnnagg ggnnnnnngn ngnttttttt ttntnnaa agccnagnc 420  
 gangnnnggg nnnnggnngg cngnnnnnaag gggnggggg ggggggagnt angggggcan 480  
 gnnnaggggg gncantancn nanggggggn gngagaacgn naaacaacac agggncnngg 540  
 aangggaggng gnnnagnnng nnggaggnac gnggcgnng gngngnaang ccnncngggg 600  
 gcngggngan gngnananca nggggnanag nagangggag gngggaaagg gnggggcccgg 660  
 aantgngga gnggcaagg angnnnganc ggagggagg gggcgagg angagccnat 720  
 cgagngggg naggggngac aggaanggan aagnanggg gnaaggcgng aancgaagg 780  
 gggggnatga ggaggagann gngagngctg gggggaagg ggnannggg gggggnnngn 840  
 gagnnngnna gngggngggg gganganat gggagcnaa cggtggaaa aacggcggn 900  
 caggnggggc aggnanaaaa gggccggag cggngcngng ggggaggngc ggnggtgtan 960  
 gaggcaggna aattganng gagacnngn gngcgnngga ggngngaana gngnnngaana 1020  
 naagacggaa cnaagtggag gagggggnan nnggcgcagg agangagg ngtangnag 1080  
 anananaang nnaggacng ngncngngng nngagtagn ggcgcagg agngngagg 1140  
 gagcgngan ngagggnng nacggggatg gggangncng gggngnnnc gcggggcgtg 1200  
 gggaacncng ggggggggg gggnaagnn ancnnnggg ngannagan gangggngnn 1260  
 cgntgcnggn gnggggggg gagagnaang agnacnggg ggggggnnag nnggggngga 1320  
 gngcgagann gcgcgg 1336

<210> 1583  
 <211> 1328  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1328)  
 <223> n = A,T,C or G

<400> 1583  
 cttatgnnag atcttctcnc nntaactnga catnnaanan gnagtnnntc nctagccnat 60  
 taacacattc cgatntntat taaccnccnn ccncccncc cctcnnntt tccaaagnta 120  
 aatcgnggga gaaaatctcn ttcggncccc nntgnanttt gntagagana atgtntnttg 180  
 ctatggttnn gngggnnngn ctatcttttt actnggggna ttttatntn ntaacacatc 240  
 tntgaangct atcctacctt actnnaatn atacgagnaa atcatgacca cttcnnatga 300  
 cnnnaacat agannncacn acccttctnn ncgagtann ctcctagnac ttatntata 360  
 ngtagnatna nnaaattcnn aatnatttcg nacannnctt ttannttann tagnatnaga 420  
 ctntantntt ancgattnat ntatactata nnctanctnn ncacntagca nacttgnan 480  
 acaggcagta cctagnctna ttcngctcag cacancnta atccaccagg aaanaannat 540  
 ataanncnan cntgtaatat cntttttatc nctnnnccat ggnatcann nncatntgat 600  
 tcatcatagc aatntatatt tcnntcttng gcatnatatn nttcatnat annncgctct 660  
 ncnanacacc acatanataa ntatagnct atnatntaa attcncaatc tggnacnnac 720

naanttaana	ancanctanc	tacacacaca	atcanaattc	acataatgac	ntantntcnt	780
nacanatana	tanctaant	agaaagnntt	attctgnnta	nccncnctt	aatntngcnn	840
tctegnttnt	gnatnncgat	aanannaacn	nnatnttatn	tntacanaaa	atagnacata	900
tggcnctaca	tctacgtatg	cgcatacacn	gncttatgaa	nntnncacg	tnnacgagac	960
ntactancac	angtaanann	tcttcnncan	tnagngetan	tntcacatna	cacnntctag	1020
anntaactna	ttncacagan	catacntctt	atcannatnt	taatataacg	nacnncncat	1080
tcatcacatc	anancataca	nagantgtga	natatanact	anctaagttt	attaaaacat	1140
agttacatnt	nnatatnant	ctnancntat	atcgncctct	atnttanctt	cnctcnatnt	1200
gcaantgtat	caatactcat	nactanagna	ttctntctct	atattttaat	tttctntntn	1260
tatannttac	ntantntca	caccctatac	taagatttna	tnanantctn	atctanccac	1320
tanatnnn						1328

&lt;210&gt; 1584

&lt;211&gt; 740

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(740)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1584

caccccatcg	tgtacttaac	tgtgcgtgac	gtgtgctttt	ggtangcatc	actgtgcccc	60
agtatttcat	gtncattgta	aagaggaaaa	atacagattt	ctctataatg	tnaccactta	120
tttctaattg	ccacttttca	tcttgtggaa	atgccatgtt	ctgattcant	cttctgaatt	180
tgaacattat	tcaggttatt	tccaattgct	gggaatatcc	ttactgctaa	aataaancct	240
tagcattgga	attgctaggn	caaagattat	gcatgctttt	taagggtctt	tgaaatgtat	300
tgccagtctg	tggcctgcca	ccctccctga	acatgcctgg	tcttgcttaa	aatgtattgc	360
cagatantcc	ttgggaagtt	catgttgtct	ttaacaatgt	gaaatagtac	nnctattcac	420
nttccttttg	tctgacaatt	nngataagtn	aataattgtn	tcccaccatt	ntgtagtann	480
ggtttttaac	ntggaaatcc	naatcaatac	ctgggctgaa	gcatcagtgn	ttccacccta	540
cctanccaaa	aaaaggattc	nagggtattc	cncaatcag	tacctgccct	aatatattan	600
agcccttaac	ggnatnaat	canaanange	ttttaaaaaa	aaanaanccc	nggacnnggc	660
cnttttacnn	aatgcccc	ngcccntntn	aaaaagnnac	tnggntttta	angnnatnga	720
aatggcctt	tgggcncgtt					740

&lt;210&gt; 1585

&lt;211&gt; 1003

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1003)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1585

tttttttgaa	accttttnnn	ntngaatacc	nanacaaaact	ctgnntgtct	nngcgggatc	60
cntcaagtc	cnatnecgcn	cgagcncanc	ttntntnann	tgtegcgtct	gagccccatga	120
gncacgacnn	cnttcnccgg	cgcttgnatt	gncatntctc	ccaaatacgt	ggctnnntccn	180
cantnnga	natcgnnatt	tttagtgcca	gannattggc	nataatgtnc	nccntgagan	240
aaannctnct	gncatgngaa	accatcttna	tacttgnctg	nncnaaatnc	attgtgannt	300
ntgaagggga	acgggcnctn	nnaaagngat	gaatttcnna	taacttnacn	ggttnatnan	360
gaatgatttt	gncacanc	ggaaaatcac	cccactnmtt	tgnttcaaga	ntgggccccct	420
aacggggagg	gtantagagg	caaaccntct	ttgcgggctn	ttntatttcc	ttntttcaaa	480

```

caccaatntt tgntgaanaa taacagtgtt ttnaattnaa ttaccaccgc ntncantgng      540
attntttgnc ccattncaaa ggntgggtca attccccctaa aanaattggg aaaaanantaa      600
tttnccattt cntttttccn ttnaaangaa accntnccnt gnanttaaaa aaanattctn      660
tntnntccn caaatttttt nnttttnaaa ccnctnancg gctaaccagg nccgnttttc      720
ggtgncctn tttattgttg gccanntaaa nccccntttt aaaaaaattg gccttnaaaa      780
aatccttacc attttttnna ancctaaaaa nggattaaac tttcaaancc gtnaantaaa      840
tttnnggggg ttcatntnnc tttgaactcc ccctgcntcc cntanaattn gaattgncac      900
attggtngna nccaaantat ggatntttca agannaanac tgggcttnca aatgnctttt      960
ttcancnaat nanntnatat tgccattttg nggccccccc cnt                          1003

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<210> 1586

<211> 740

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(740)

<223> n = A,T,C or G

<400> 1586

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actttcnaat cgcacgagag acantctcct gcacacgncc ctgtgggaaa agccagcttc      60
tgtttgcaact ggtcttnaca actcgttacc tggatctttt tacttnnttt atttcattgt      120
ataacacatc tatgaagggt atctaccttg cctgctccta tgccacagtg tacctgatct      180
acctgaaatt taaggcaacc tacgatggaa atcatgatac cttccgagtg gagtttctgg      240
tggtcctgt gggaggcctc tcatttttag ttaatcacga tttctctcct cttgagatcc      300
tctggacctt ctccatctac ctggagtccg tggctatcct tccgcagctg tttatgatca      360
gcaagactgg ggaggccgag accatcacca cccactacct gttcttctctg ggcctctatc      420
gtgctttgna atcttgtaaa ctggatcttg cgcttctact tttgaggggc ttctttgacc      480
tcatttgctt ggtggtggcc cggcgtagtc canaccattc tatactgnga cttttttcta      540
cttgnacatt acaaaaagta cctcaaggga aagaaagctc aatttgccaa ccataagtgc      600
ccaaaaccca tcaccacat ctgttccttn nagggtgctt cggacagaat tcttacacag      660
caaaaggcat aaagangctt ganccggaaa ataanaaact taactctttt gtccnaaaa      720
gncatcaang gtcctttan                                          740

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<210> 1587

<211> 651

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(651)

<223> n = A,T,C or G

<400> 1587

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ntgacattgt gattgcaaaa agcccaagtg atccacantc aaangtntga ctgnganann      60
aactgggnat gagnaataga acttnttgaa gacatcactc ctctaataaa tgtggatgaa      120
aatgtggcag aattggtttg tatactcaaa gaacctcact tccagtcact gttggaggcc      180
catgatattg tggcatcaaa gtgttatgat tcacctccat caagcccaga aatgaataat      240
tcttctatca ataatcagtt attaccagta gatgccattc gtattcttgg tattcacaaa      300
agagctgggg aacctctggg tgtgacattt aggggtgaaa ataatgatct ggtaattgcc      360
cgaatcctcc atgggggaat gatagatcga caagggtctac ttcattgtggg agatataatt      420
aaagaagtca atggccatga gggttgaaa atccaaaagg aattacaaga attactgaaa      480
aatattagtg gaagtgtcac cctaaaaatc ttaccaagtt atagagatac cattactcct      540
caacagggtat ttgtgaagtg tcatttttga ttataatcca tcaatgacaa cctaataacct      600

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tgcaaagaag caggattgaa gtttccaagg agagattctt cagaatgtaa a

651

<210> 1588  
 <211> 820  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(820)  
 <223> n = A,T,C or G

<400> 1588  
 ccaaactaga agctgtcagt gacaataact tgggaattagt caatgaaatt cttgaagaca 60  
 tcaactcctct aataaatgtg gatgaaaatg tggcagaatt gggttggtata ctcaaagaac 120  
 ctcaacttcca gtcactgttg gaggcccatg atattgtggc atcaaagtgt tatgattcac 180  
 ctccatcaag cccagaaatg aataattctt ctatcaataa tcagttatta ccagtagatg 240  
 ccattcgtat tcttgggtatt cacaaaagag ctgggggaacc actgggtgtg acatttaggg 300  
 ttgaaaataa tgatctggta attgcccga tccctccatgg gggaatgata gatcgacaag 360  
 gtctacttca tgtggggagat ataattaaag aagtcaatgg ccatgagggt ggaaataatc 420  
 caaagggaatt acaagaatta ctgaaaaata ttagtggaag tgtcacccta aaaatcttac 480  
 caagttatag agatccatta ctctccacag gtatttgtga agtgtcattt tgattatnat 540  
 ccatacaatg gccacctaatt ccttgcaaag aagcaggatt gnagttttnc aaaaggagag 600  
 atcttcanat tgtaaaatag agaagatncc aaatgggngg caggcttncc catgttaaaa 660  
 aaaggangga aaccnctggg cttcnttnca agccaattnc tgggaanaaa aaaaaaangg 720  
 cttttgttaa aanaaactgg ggacaattca agganccttt ttgggggact ntaagttgcc 780  
 aaaaaaaaaa aaaaaaaaaa tcggnccttt taaactntng 820

<210> 1589  
 <211> 690  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(690)  
 <223> n = A,T,C or G

<400> 1589  
 gtatcaatcg cngtaacctg ttcccttgat cntgagtttt agctcagata accaggattt 60  
 ttgaagacgt gattgtcctt ggccctgccc catcccttcc ctttaaagtt ttaaattttt 120  
 ttcattgtctt ttctttggcc agaattttct tatcccttgc atgccttcct cggttaccat 180  
 aaatctgcat tatcctagga aagatgaagc ccacagattg tacgatttca gagtacttcc 240  
 tggggccctg tgtgatccga cagaggcctg gtcatacagt tggacttccc tatgtgaaac 300  
 cataaactaa cctgaggaag atactgaggg gagaggggct gtgtaacggt gactgcctct 360  
 agggcagcct tctgccaggc agagaacagg aagctggcat gcagggtgtc tggcactggg 420  
 aaaatgacac catgtttgta agtgcattgt cctggctttt ggtgggcccgt gcaggagttc 480  
 ctgcctgaat tatagtcttt ccatctcata tcttcatgtg gagccctcaa gctttaaaca 540  
 aagtcttttt atctccggtt ttcaaggggtg ggctcccatt atctttgaga acctcataat 600  
 gctgcttttc ctttaaattt ngttttacac ttgnccgctn ggtcagcaca agagctactt 660  
 cacattttnt ggncccccac ntggnttca 690

<210> 1590  
 <211> 727  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(727)  
 <223> n = A,T,C or G

<400> 1590  
 acntttcaatc ggcacgaggc tngttctggn gaaagctcan taagtatgga ttttattcct 60  
 caactagtag gataccaata ctggtattga aacttgggga aaataactgg agataccagt 120  
 gcagctatct aaagctgtag caagggctgc aatcttgagg agatttttaa gagaagtctt 180  
 aaagtttcta atactgatgc ctcttttttg taaatacaag ttttataaat cctgccctgg 240  
 gatcctgatt ccccatatc caagatttgt cagacttcac cttctataat tagaaaacac 300  
 agttataaga acagtcaatt ttttaaattt tccaaattaa aaaattgcac catgattttg 360  
 aacaagcact tccaattaca ttaccatctc tgtatgccat aggtgggagt ataattgtca 420  
 cagcctttag gaatgtagtt ttccgggatt tattgaaact ttgaaccttt tggcctacta 480  
 agttcattcc taggaaactg cctaattggga atgatctgac aagtgtacac aagcaaagtc 540  
 attgcacctt tggctcttaa tacttaaaac taaccctaat gcccttgacg taagggactg 600  
 gtttaataaa tgggtancctt tatgcccaatt tgttctaaag tattcgttta agagangtgg 660  
 aggaatctct tggattatta gggcaagaat tctaacttng gtaaaaaaaa agtgggtgca 720  
 gcattttt 727

<210> 1591  
 <211> 460  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(460)  
 <223> n = A,T,C or G

<400> 1591  
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 tctggggaaa gctcatataa gtatggattt tattcctcaa ctagtaggat accaatactg 120  
 gtattgaaac ttggggaaaa taactggaga taccagtgcg gctattttaa gctgtagcaa 180  
 gggctgcaat cttgcggaga ttttaaagag aagtttttaa gtttctaata ctgatgcctc 240  
 tttttggtaa atacaagttt tataaatcct gccctgggat cctgattccc cattaatcaa 300  
 gatttgcag acttcacctt ctataattag aaaacacagt tataagaaca gtcaattttt 360  
 taaattttcc aaattaaaaa attgcacatc gattttgaac aagcacttcc aattacatta 420  
 cccatcttgt atgccatagg tgggagtata attgtcacag 460

<210> 1592  
 <211> 516  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(516)  
 <223> n = A,T,C or G

<400> 1592  
 ttcatttann ctnttttttt gcaggatccc tcgattcgga agagcttctg caggggctga 60  
 gcagacccca gggcctctta gccaatcccc gggcctgggt aagcaggcga ancatatggt 120  
 cggaggccng caactacctg nacttgccgn caagagtggg caatcttttn tgtctctcgg 180  
 gaangnccca annctcctcc cccaanttga nanaaaaagn aagttntggg naaccanncn 240  
 taagccataa gtccccctgg ggccccctgg ganaaagnct tcaatcacng ggccaagggc 300

ttctggnc	ccattnattgn	cttggacaag	aactctgggt	cacaagtctt	gctnggtctt	360
gctggggan	cccnaccnga	cattgggcn	cagacttgct	ggtcttnttg	ggaagaagg	420
caagaccca	aaccaagatc	caaaatacac	ttncagctct	taaccaaggc	ttnccttcaa	480
gtcacaagtt	gttgccngaa	atcagtaaca	agaagt			516

&lt;210&gt; 1593

&lt;211&gt; 1207

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1207)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1593

agattntcga	atcgacacgac	ttgnccctgt	gggggtcttac	ncgatgtgtc	tctgagtagt	60
aaaggcttag	ccttggttctt	gttatgttgc	aagaaggagg	ggaagggttcn	gngatttctt	120
ctgatttatt	ctnnggntcc	atgtgancg	gccttcacgt	gnanccnnn	gcacngnacg	180
ctcctnnecn	atccacatac	nccagntana	cntnctnnnn	anccaccaen	cccanctgcn	240
antccannc	neccaacgcn	cangcntnag	cctntanncc	ccccaccctc	ncnnagnctt	300
actacacnc	cattnnancc	nneccnnaan	atcacccctt	ttcctaccat	cgtcnnanca	360
cncccatct	acantcnnn	annaccgnnt	nnccnccag	tnatcanttc	actcntaccc	420
ncacgectnc	anngnncnaa	ctctnccctg	ccaatcatgt	tctanngean	nnncnncctc	480
ntancctact	catcntatta	aactnttctc	tttnctntnt	gnacatnan	actcctcttn	540
ngnctnnctc	atnatecgcn	ctacactcaa	cattctgnen	nnatnctatn	ngnaccntaa	600
aatacctca	cataatcntg	acgcacatcn	ntcnctacna	atcnattgtc	atnntnatct	660
ccnccctctnt	accatantct	ctcntaacag	tnatntctca	ttctcaaact	tcgccatnnc	720
ccacnantnt	ctcttaegca	cacnntccta	anccctatnc	ataccattna	atnnccctgcc	780
ttgctatgan	anncnncgan	cacntacaca	nnntgtancn	aactanatac	aantatcgct	840
ccctctcact	aacnnctnnn	cntaatanaa	cataagccnn	nctancgnnt	cntnntnaca	900
accacatnta	ctcttaegca	ctgnnntctc	ttttinggnn	tcctctttctg	caacgnctca	960
nnantccaca	cgntccctac	gcccacatc	ctnnccctac	agtatgtaat	ccntanatt	1020
mntncanata	ttcatcncca	ngcccgtac	tgataccttc	netgctacca	tenctcccc	1080
tatanttncg	tctcgnacca	atctacgtnt	acacngttnc	ananccaata	ancnacctca	1140
tgctnccgnac	atacganaca	natgcnctatn	atccacattn	ccctnccnca	nacatntntc	1200
taanccc						1207

&lt;210&gt; 1594

&lt;211&gt; 466

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(466)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1594

tntacgttca	agctcttctg	ctttttgcag	gateccatcg	attcgatgcy	cttattaggt	60
attttatctt	tcaaaaatat	atgtncccaa	ctgtgtttgt	ttgtttctctg	actgtgaaca	120
ctgaagagga	ctagatcaaa	aatgaccaat	tgagtagcaa	ttgaacattt	acagtgtctgt	180
gtgcagtga	cttctgtagc	acccaaattg	tgggggttggg	gaaaaacat	tccaccttaa	240
aagaaaaacca	agcctttctg	gcaaaattgc	tgattctagg	ttttggccaa	gaaatgtaca	300
tgctgactgg	aacattgcat	aacagttagt	aaggaggctg	ttaaagacta	tttaggtgca	360
tttcagaaaag	actggagaaa	tgactgtaga	attccactg	gcccagagat	cnggtagaaa	420



cctgtgaagt gtgtttaaat tcttgagttc ataatgggta ttttaa

466

<210> 1595  
 <211> 723  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)...(723)  
 <223> n = A,T,C or G

<400> 1595  
 aggttttcga ttcgcacgat atntntcaca tgtaanaaan atatgtaccc aactgtgttt 60  
 gnttggttcc tgactgngaa cactgaagag gactagatca aaaatgacca attgagtagc 120  
 aattgaacat ttacagtgtc gtgtgcagtg aacttctgta gcacccaaat tgtgggtgtg 180  
 ggaaaaacca ttcacacctta aaagaaacca agcctttctg gcaaaattgc tgattctagg 240  
 ttttgggcaa gaaatgtaca tgctgagctg gaacattgtc ataacagtta gtaaggaggc 300  
 tgtaaaagac tatttagggc catttcagaa agactggaga aatgactgta gaattccac 360  
 tggccagaga tcggtagaaa cctgtgaagt gtgtttaaat tcttgagttc ataatggtat 420  
 tttaaaagg aattggttac tcttagatta gagcatgata ggaacaaatt tattaccttg 480  
 aacattggta aatacaagaa agaacaattt atcctgcttt tcctatgtga gtgtacctct 540  
 ggctaacaaa atagtagata tgggagagct atttcaattg ataaatgaaa aaagaaatgg 600  
 cagaattgca ataccaccat tttataactt ttggtgaacg aatgggtcta nggtgtgagc 660  
 gtcgatngct actacatccc cnnnnaaaaa annnntnnn nnnnttnnn anangaannn 720  
 nct 723

<210> 1596  
 <211> 464  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(464)  
 <223> n = A,T,C or G

<400> 1596  
 cttntttaga tacagctact tgttcttttt gcaggatccc atcgattcga attcggcacg 60  
 aggattcatc ttcttggtct ttaaaagtca aaaggctttt tgacctttaa ataactctta 120  
 catctggtca tcaactgttg aatgttctac taaattttca gagtggaaaa gttttaggct 180  
 taaaactgac tggtaaaaat agaataattc tttgtattga tttttcagta tagctgtaca 240  
 gccagttatc ctctgttaag tgtttcggta ttaaaactgc tcacatttgt aaatattgag 300  
 cagctttatt gtcagaacaa gaatcccttg gtttcccaat ccccaacttt taacattgta 360  
 attaaacatc ctgtataacc tattttattc tctgccaaac aattttatga ctgctgtttt 420  
 tactctttgt gatgaaaatg ggatggagaa gataagggtc tttg 464

<210> 1597  
 <211> 709  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(709)  
 <223> n = A,T,C or G

&lt;400&gt; 1597

atgtngacca	nttcngcacg	aggattaatc	ntcttgttct	ttaaaagtca	aaaggctttt	60
tgacctttaa	ataactctta	catctggtca	tactgttga	aatgttctac	taaattttca	120
gagtggaaaa	gttttaggct	taaaactgac	tggtaaaaat	agaatatttc	tttgatttga	180
tttttcagta	tagctgtaca	gccagttatc	cttcgttaag	tgtttcggta	ttaaaactgc	240
tcacatttgt	aaatattgag	cagctttatt	gtcagaacaa	gaatcccttg	gtttcccaat	300
ccccaaacttt	taacattgta	attaaacatc	ctgtataacc	tattttattc	tctgccaaac	360
aattttatga	ctgctgtttt	tactctttgt	gatgaaaatg	ggatggagaa	gataagggtc	420
tttgccctat	gggtgtttt	attatcatcc	tccatcaatg	cagattgggt	aaatagagaa	480
aaattcangc	cgggtgtggt	tggtcacatc	tgtagtccca	gctgcttggg	angctganc	540
angagaatcg	cttgaaccca	ggagtcagaa	gttgacgtga	gctganattg	cccactgcac	600
tccagctgag	cacanggtga	aactctgtc	aaaaaaaaa	aaaaaccctt	naaactatgg	660
gngcncnttc	cgaacacnaa	ctganaaaaa	ctttgtgagt	tgcncacct		709

&lt;210&gt; 1598

&lt;211&gt; 1372

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1372)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1598

nacntantan	nttnatantn	nttctntnat	ntccnntncn	tnctctctct	tgntnnggt	60
nnntnntntt	tntcngttt	ncccccccc	nnntncccc	tttntntttt	ttcttttgnn	120
nccgtagacc	gngtgaaatg	attngctgng	ccncccggtg	tggtattttt	ntatatgntt	180
nccatnccatn	antttttcta	tgngcnncna	cttttctacc	ntntnggggg	tgttttttan	240
ctccattann	nattctattn	tnnnacttct	tgattantat	nangtctttt	tcttttnncc	300
catctntntt	cttnnnccat	gtnnancntt	tnntccctnn	ttnttatctt	nnntttctnt	360
ttacntaaat	tctctcnntc	nttatttntn	tcttcatctn	tnngccttc	cattnttttn	420
ttttntcctt	tnccnnctnn	nnttctttta	ctcttncctt	ctnctctncc	ncctnctnca	480
nntcattttt	tcttancat	acgcgttatt	aagnnnncta	ctnccgtncn	nataatntnn	540
tactatcnnn	ntcncttttg	ntnngagtnt	ntccctnnng	tatttctctt	nnngtctatn	600
tgctntatta	tttntntctt	gtntntcttc	tactcnccat	atcatnnacn	atactatat	660
atatatacan	cttggttcta	tnntancta	cataatgttc	ntttantctt	nttntttctn	720
ctagtatgtt	ncttnattat	ctantctntn	tttatntatn	ctatcttctn	atnattntnt	780
catacctnta	ttcgatatata	nagnaactcn	acatgntang	tgcccttnc	natctcannn	840
nttantcttt	ncattctttn	gttatctgnc	gtnttncntn	tnacttgata	ntcatatnnc	900
cntnancnta	tatgatgaat	cacngtgtct	ttntcaagct	nnntctcttc	tttcttcttn	960
tnnataaact	tntgactcng	tagtttactt	gatcttttct	atntctnaac	atcactccat	1020
tcncttnccg	cnnagnacnnc	tctnttctnt	actattcttn	tctactcctc	tnctctnttn	1080
gttanttacn	cctccgatnc	tnntantctt	cacnntncnn	attttcta	gtantntntg	1140
gtatatttct	gntatctcta	cancgatcn	nanctacgtt	cgtatagtat	nctaatannt	1200
gatntnatct	antgttnttt	tatctnctnt	tcntantnct	ntttacatna	ctctntttnt	1260
ctgttttctt	tatctnctat	ngtnaanntt	cctatgngta	tnatnccgtt	netctctann	1320
atttcatctt	ctatctntan	ntctcattgt	atgcttcttt	ngcttctctn	cn	1372

&lt;210&gt; 1599

&lt;211&gt; 464

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(464)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1599

tngatncctt	cgatcagctc	ttgttctttt	tgcaggatcc	ctcgatncgg	cctatcttag	60
agaatcatct	gctcannect	tattcctgca	gaatacaaat	gtcacattct	aacctgttca	120
gagattgtct	tcaanataaa	antgtgatcc	ctacatggna	tgnaaaacaa	nectacactnn	180
tnggcaaaaag	gcattattag	ggntngatcc	cataatgatt	gagtnctntt	nnnnagtata	240
ntcatgcanc	tgaacaaaat	gaagctcatt	ccactgcntn	gaanaatnnc	acaaatgtga	300
tgctnaanan	aggaagccac	gtgcanacac	tnactatata	attntatgta	catnaagttc	360
agnatccgga	tagttaccnn	tgnaaaggan	gtaactnnan	gagtntgagg	aggggnttct	420
ggtatctggt	taatgnactt	ngtaccantt	acccaanagt	gnnt		464

&lt;210&gt; 1600

&lt;211&gt; 922

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(922)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1600

nnncnntacn	cntnnnnnnn	nnnnnnnnnn	nnntntntnn	nnnnntnnnt	ntntnnnnnn	60
nnntgnnttn	tnnnnnnatn	ggtnnnnant	tnntntntnn	nattacntnn	nnnnncnntn	120
ccccccacgn	nnnnnnnccc	ccntcnntn	tnntntntnn	tnaatntcg	antccgcacg	180
gaggatatac	tacttatggn	acantgaggg	tgcaanggnn	tcctannatt	catgnggatg	240
ntccnnggtg	tgaggagggg	atctgcaatt	gnttgctnna	cagagcgctg	gcaacttctg	300
acaggctggt	tctgggggat	gggctgcctc	gggttggtgc	tggtacaagg	aaagaaaaga	360
gttccccctgc	ccaccgcctc	ccagccactg	ggctacctcc	tggcaggaaa	tttgcaaact	420
gagtttaaca	agttaggatc	agcagagggg	agaggagggc	cctggcagat	gtgggggtcta	480
gaagaggaca	ggagttatca	gggcctcccg	ccattgtgct	gggcctttgc	ctgtacaatt	540
gtttctcaag	cagttgtgtc	cctgtggctt	tggtgcgctc	gtgtgcactt	tctccctcca	600
ccttgagaca	tgggctaaca	cccgaggaa	aaggaaaaga	cagagtcaag	acaggggaca	660
atgaaacctt	tgaagtgcct	antctatgaa	agaggcccg	gggtgggact	aagaatccan	720
tgccgcncct	aagagtttga	ccaaccaccc	ccctacagca	actnttgngg	atccccccat	780
cacctgaggg	aggaaccaac	ctaccattc	caaaaggggt	ccaagggata	agcccaaacc	840
tggggaacan	aagcgaaang	gcctccaaag	gggggtccat	tnggccccag	gaagggaanc	900
ccttgggaaa	aaactccan	nt				922

&lt;210&gt; 1601

&lt;211&gt; 864

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(864)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1601

ttgaattcca	tacaagctac	ttgttctttt	tgcaggatcc	ctcgattcga	attcggcacg	60
aggagggagg	atcccctggg	ttgtgcatat	ggcggaagg	ggtattccag	gagtggagga	120
tgtcagcagg	gtgggaatgg	gatcagtgag	gggaggagga	gcagaggagt	cagaaggatc	180
taagggtagg	gctgaaggtg	ggaaaacacc	tgtagggctg	tttaggacac	ggaaagggcc	240

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ttgactttgc tgccaacnaa gatgtgaagc tccaggcaag ggtaacaatc taacttacat      300
tttatgaggg tcctgtggca gctgtggtga gaacagactt taaggggtgct gaggtggatc      360
acggagacct gtggccaggc tcttgtgtgg taaatctggt ttgggagaat ggtggagaac      420
tggaatgcang tagganact ggaagtggca agaaatgact ggattcttga atattttgtt      480
caaaagttag anccgaaccc cggttttgtt tgatggacct tgaattgttg ggggtgtgat      540
taagaaaaga agaaggangt tcaaaggacc aattttcttg naaggatctt ttaanntccn      600
ggaagccaan ccttggnaaa accaaggaaa ggncttgcct tgttnnaaat tggnaaaaaa      660
tngggaaatt gggaaaaccc ttggggtttt tttgggggtn ggggggggnt ttttcaaac      720
ccccatttgg ggatttnccc catttccant tttttggang ggnnnngttt ttcnatttca      780
aanccaattt ccccttaaan tgggggtngg naattaattt ggggaacctt ggggggcccc      840
aaatttttng ggaacctttt tacc

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&lt;210&gt; 1602

&lt;211&gt; 619

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(619)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1602

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ttgattcnat acaactactt gttctttttg caggatccct cgattcgaat tcggcacgag      60
aagagacagc ctctctcttc tgtctcagaa gctctgtgtt tgggaaactt tgagcccatg      120
gagtagcagg gtctgcatgg tggagtacca ggtttccctg gcaatccagg tctcctntga      180
ggaagcattc tgacttccca ctgaccacgg aaggcatgtc agcttontgc ctcggnctag      240
agttctgata atcggggctg aggggtgaaa agaaatccag tcagacagac agtgggggag      300
acaggtccct gccctttatt tgccgggata aatcagggac tccananaag gaaggagaat      360
ggtagagaagg ccctaagagt tctgtctctc cctggggctg tgacgtggca ccacaactga      420
aacagctatg ggtggcggtg tgtgttaacc tcacgtntct aactgacatt gncaaagagg      480
aggagtntac attcagatgg caggcggtca ggaacaacac attattaatg gctagcagtg      540
acatatgaga aacagatctt atatctccag gtagcaccac nctgttgtnn tcatatcttg      600
agaganaatg gatannact

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619

&lt;210&gt; 1603

&lt;211&gt; 721

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(721)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1603

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ttgaanncca tacaactact tgtctttttg caggatcttn tagacctttg tgaaccagat      60
gatgaaagtg gctatgatgt tttagccaac ccccaggac cagaaagacc aggatgntga      120
tgacgatgcc tntagcggat gtgtttgaat ttganttttc agagaccccc ctnttaccgt      180
gttataacat ccaagtntct gtggctcagg ggccacgaaa ctggctactg ctttcggatg      240
tccttaagaa attgaaaatg tcctcccgca tatttctctg caattttcca aacgtggaaa      300
ttgtcaccat tgcagaggca gaattttatc ggcagggttc tgcaagtctc ttgttctctt      360
gctccaaaga cctgggaagc cttcaaccct gaaagtaagg agctgttaga tctggtggaa      420
ttcacgaacg aaaattcaga ctctgctggg ctctctgtga gaagtgggct tccacccag      480
tgatctggcc tcagacaact actggtgagc aagctggccc accatgtaca gtgtggtata      540
gtggttaatc cttgtgcata tgtgcataat acaactattc tgnnaagaaa ggcactntac      600

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atatgaaaat atttnttntt tatataagaa aaattactcc agtcagaaag gacttaaaaa 660
catgtttttt tcctttttta actttttaag tcaagttttt atgaaagtgg gttttaatng 720
t 721

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<210> 1604
<211> 738
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(738)
<223> n = A,T,C or G

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<400> 1604
ttngatacag ctcttgctct ttgcaggatc ttatcgattc gaattcggca cgagccctat 60
cttatgagaa aagtaacttt gaaaggacta atacatcctg ttcttagctt ntgcttccct 120
caggccttct ctatgaagcc agcctattct gtcagcgct ttggaacact gattctatnt 180
catggaccga agcattgccc aattgtagaa ttgcaataaa gccaaactgag atctttaaat 240
tggctataat tcaccccttg gcaatacagt aaaaaaaaaa aattctcaca attctgtaga 300
aggggtatgag atatacaata aaagacaccc ccaccctctg caatctacca ctcacagtag 360
tttatctggt ggtttccact ttttaacaat ggtctgggccc aggtgcagtg actcactccc 420
gtaatectag cactttggaa ggtcgaggcg ggcaggttgc ctgagctcag gatttcaaga 480
ccaacctggg caacacagtg aaacccctgt ctctactaaa atacagaaga aaattagccg 540
ggtgtggcgg catgcgctg gtagtcccaa cttactcgtt tggctgagggc aagganaaat 600
tgcttggaac ccatgaaggc aaaaggnttg cagtggagcc cgagaatcat tgcggnttg 660
cacttccaac cctgggggtg gacaagaaac cgaagaactt ttgtctttta aaaaaaattt 720
aaattaaaaa aaaaaaaaaa 738

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<210> 1605
<211> 715
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(715)
<223> n = A,T,C or G

```

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<400> 1605
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agaaggtcgc ctctaccttg ccagaaacac aaaggtgctg cagatgctgg aggggaaggct 120
gaaggaggag gacaaggntt tcataccag gganaatgtt nttggggccc tgcanaagtt 180
cagtctcagg cgcccgctgc agacagcgat gattcaagac ggcctcatct tctggctggt 240
tgatgttctg aaggaccctg actgcctgtc tgactacacg ctggagtact cggtggcttt 300
gctcatgaac ctctgcctcc gcagcacagg gaagaacatg tgtgccaagg tgggcaggcc 360
tcgtgctcaa agtcctttcg gatcttcttg gccatgaaaa ccatgagata cagcccgtat 420
tgtgaatgga gctcttgtag agcatccttt ctgttccatc ctttctggag gaagcaagan 480
caatgggaat ggaagacatc ctacctgctt catcaaanana gcaatgctga aatgaccgcc 540
agatagaatt catcatcaag cagcttaaat tccgaagagc taccagatgg tgttctttga 600
atcttgntga tgatgaagat gaagatgntg aagaggacca tgacntcntg gaagccgatc 660
ttggcaaaaa ccaactgatn ccacccactc tggaaaactc tcaggaaana agctt 715

```

```

<210> 1606
<211> 682
<212> DNA

```

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)... (682)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1606

tnnattcnat	caacctactt	gttctttttg	caggatccca	tcgattcgaa	ttcgggcacga	60
gggtgggtgg	cagagggaaa	tccaacatgc	agactgtggc	agtgtcttga	acttctgttt	120
attcaggtca	ttgantaaaa	aactcttttc	ttctgcattc	ctgtctttct	gcatgtgtgt	180
gtgtgtgtgg	gctgggtagg	gactgttttt	gagatcactg	gctgaaatgt	attctagggg	240
tgaaggatct	aggatgtacc	tgctcgatc	ttctgactt	cacctttacc	aattcttttc	300
ttaacaaatt	taaaattggt	cagagcagga	gctgctagct	ggcttttaac	agtgtttctc	360
ataatggcag	tactcagcaa	atagtttttc	tcttgtctcc	taaaattaag	ttgcaagact	420
aatgtaacaa	acagtaaaat	ttaagctaaa	gaactcagta	taggctgggt	gtgggtggtt	480
acgtctataa	ttccacactt	tggganctg	aggtggaagg	attgcttgag	cccaggagtt	540
tgagaccacc	tgggcaacgt	agggagaccc	tgctctacaa	attaaaaccg	caacacacca	600
aaaacctcta	ctggcacgga	gtggtgcgcc	ctgtgtccct	actccaactc	tcanaggcag	660
nangacatcc	tgggcccag	ag				682

&lt;210&gt; 1607

&lt;211&gt; 1356

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)... (1356)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1607

cncncgcga	annactntgn	tanatgtaag	aaataatgat	nctnngcntn	atancnannt	60
nnncaaaacn	attagntnnn	taatanagan	tncnnngggn	annatnagcn	aggcttgtaa	120
ccttggaan	ccgtnggtca	gtccagnnag	tcacgnnnnn	cnnncngnnn	ttactctatc	180
ncntatntnc	nctngnatnt	tttnacnngc	nggaanaatc	naccncctcn	nggtggngaa	240
ntagnngggn	aagttnctgn	aacnataacc	atggngntga	gngcnagaaa	ancgaggaga	300
gatgnggaga	tgcggcacct	ntgttnaaan	cctgcnnnnc	tgngannncc	mntggngnnt	360
cgggagnanc	nnactcctan	nnngangacn	ggnnnatnga	atngttannc	gnanaaacan	420
ccgtgactaa	atgtgtcgtg	ggaagannng	gngtgcgnnt	aaaangnttg	atancgnttn	480
ngancatntg	gatttgagta	atangaaang	ancnncgggt	ngnattnag	ngaangganc	540
gggcgnnanc	cnnccancnc	gantgaagnn	cgncaanncc	ncancnaact	ggnntcnnnt	600
anaantgntg	antgcctnta	nannntnagg	ggcggggaat	acnatectaa	atcgtgggnan	660
catacactga	ggnaatntnn	annanaagaa	tnnctcnnac	atntnnatag	ananaagant	720
atntnnagtn	tctnnaanac	ncanaanntc	cnttgtncaa	agngaaatgg	ncnngagngt	780
ccagcacaga	nataaacaca	tggacatccn	tgangcttgn	atcnaacacg	ngacgaaagc	840
agtngccgan	nanattntnn	tnagcangaa	gancnatatg	ctgttnatct	cncttgnena	900
aanctgtant	tancataana	ccangcncgt	nngcancgan	gangcaatan	ccncantgnt	960
nagntaangc	tnccncattn	ggngggangaa	taaaatcnga	tggganantg	aaannnangg	1020
ngctgenctt	attacgcnaa	tcatatctaa	atatannana	ccatncttgt	nagangntat	1080
acnctnatan	tntctntcag	atgngnacgc	ttgnatgtcn	tctatcntnn	ctattcatat	1140
ctgacacgtg	cgnacgcagt	tnnattgnta	acgcacgtag	ngtgtncacn	tnncnctcc	1200
cgnngntagn	gacagagacn	ggagannnca	tctctngtgc	gcgnatanna	gtaaagancc	1260
nnnctgtcan	ancgcgntat	cgatanntat	gngngtcttc	atncnnntaa	caaaagcaac	1320
gctcntnttn	ttncggaana	aaaaaanacc	nnncng			1356

<210> 1608  
 <211> 1588  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (1588)  
 <223> n = A,T,C or G

<400> 1608

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ttgancngtn	tnnatngtcn	nancncnaat	ttgnnngnnt	tacnantccg	cantgtccnn	120
tntcnattaa	ancngtaaag	aaantncngc	ccnctgttnn	gatngtatcg	gcagttattgt	180
nantgcgnaa	tnnnacnnac	annnantata	tctggggggg	cnctnnnnnc	ntnangncnc	240
atggncnana	tgcgtcnnta	ntgtgngntn	gccccgtntg	nntctcatgn	nnctnnnnna	300
atncnnncac	cnctcganc	nnnataacnn	tnnnctcng	ncntaganta	cnngaaagcg	360
ctctatcnac	atccntaggc	tanagtcanc	ccnccnnntt	ctntntnat	ngaannntcn	420
ncntntnntn	tanaaacgat	nctncanata	ngacnctccn	ctngnntaaa	tgantattnn	480
cntcgcaann	atccaccata	tnacgtngct	caanagnngt	tncttnatac	tacannnacc	540
nnattgncgg	tnnnnaentc	acacgctgaa	agtgnnggacn	nacacgntct	anctntgnga	600
gtantntaca	ccntaanatg	tgatctntca	acnccgatct	gtacatcgcg	ncgannanca	660
cnannngatc	ncatnaatnc	gtnacancct	anantcnana	tnatnnntcg	cncacaggnt	720
cnancctgga	ttnnatnagn	nnatgtntat	nntcactann	atntggcnc	nnngangggcg	780
cgacnancnt	ngantangag	ngntatctgt	ggannccatan	atcntngcca	cnaggtacgc	840
nnccacntna	ccgcgcngat	naagangagt	tnnacnatta	cattanagtg	ngtacgcttt	900
ncatanaact	ntaannatcn	agtataacna	gancgnataa	tctntttgat	nnnttctacn	960
cnccgatgca	actcnnctn	ntatacnnc	tgcnctcnac	ntcnnngantg	canancngna	1020
tgtnnnnatc	nnancacgac	atgtatctac	gnaggnatnt	ttatntntga	ctattcnntn	1080
tanccnncga	ctgtgtnttt	annnngcaa	ttgtgcncat	tgancgtaaa	atatntacga	1140
ctcgttcgcg	tatacnncga	ctcgttcnnc	gcatttacta	ngcantttcc	nctcgctaaa	1200
natccnngcc	tnnangagt	tacntcgtct	cgagtcgcgn	cnntacnccn	actgtgngng	1260
antnananct	nctntntatn	cgncgcgnat	cgcgcnccga	tatgaccnna	nntctcgcaa	1320
gtatcttcca	tagcacntaa	ancntgnntc	tnnacnata	antnnctnta	cttctcantt	1380
ttatacaatn	nantcgnntc	tannctnncc	catntacgaa	cnccgcnnnc	atgantntac	1440
annccgtgnc	gtncngcgnt	annccanant	gtccgctnac	tcacantang	tnccanngett	1500
agtcnngacn	cacgtgntaa	tgntcgatcg	nagcctggcg	acatagncat	tnccgtgatna	1560
nnnnnncttc	ntcnccagcg	nctnnncc				1588

<210> 1609  
 <211> 736  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (736)  
 <223> n = A,T,C or G

<400> 1609

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gatgagggct	gtcggccagg	aactgatcga	gcttggtta	tgcatttgtc	aaatgcaggg	120
aaattgggaa	ttagtgaat	cggagaagg	gggttgga	acaaatgact	cggtgcctaa	180
gaaatTTTTT	gcaggaaagt	atctcaggag	cccctgcagt	cagggagctg	ctgggtgtgga	240
ctcagactac	atgggtgaaa	taggcaggag	ctgggcgggg	cacagtggct	caggcttgta	300
atcccgacac	cacactttgg	gagacggagg	caggcagatc	acttgatgcc	aggagtgtga	360

gaccagtctg	gccaacatgg	tgaacacctgt	ctctactaaa	aatacgaaaa	attagctggg	420
tgtggtggca	ggcacctgtg	atnccagcta	cttggggaggc	tgaagcanaa	gttgacgtga	480
gcccagagatg	gtgccatttg	cactccancc	tgngcaacaa	aaagcnaaac	ttncatctaa	540
aaanaaaaaag	gaaagaaaga	aatttngcng	ggaccccaag	cttacattct	ttcctttttg	600
gtaaaactgg	ttggggaaat	gggttnncct	tccgtgaaga	anccancaag	gtaggggtcna	660
tcttttcttc	cccccttnag	gacatttggt	tttgccngaa	tctttaaaaa	naaaaaatan	720
aaacnactnc	ttnnct					736

&lt;210&gt; 1610

&lt;211&gt; 710

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(710)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1610

canatacagc	tcttgttctt	tttgcaggat	cccatcgatt	cgaattcggc	acgaggggga	60
gtaacagaag	cctggataca	attactctat	caggagatga	aaggggactt	tggggagact	120
ggaatgntga	aattgtttta	taattcttca	gtagaacaga	tctgggatca	cagtttttaca	180
ggggcagaga	tttaagttgg	ccctctagtt	atggagacac	tcctactggg	ttctataaaa	240
ggaataactta	cattgcccac	accagtgcac	ttcaaactct	cagcccaagg	aangttccaa	300
cgctattgaa	tttatggaaa	cgtttgtatt	tgctattaaa	cttcaaaatc	tacaaactgt	360
aagacttgta	tttaagattc	aaacccagac	tcccaggaag	aaaaccattg	gagaatgctc	420
aatgtcactc	agaaccctta	cacacaggaa	atggattact	ctttggatat	aacaccacct	480
tcaaaaattt	ctgtttgcca	tgccagaact	tgaattgggg	acttgttttc	aagcagtaaa	540
tagcagaatt	cagttacaaa	ttcttggagg	cacggnacct	ttccaagctc	atcaacacct	600
ntgaactttg	agttttttcg	tgaangngg	ggaatgttta	acctcnggag	aagttgattt	660
atnaaaaaaa	agacacgctt	acttgaangg	cctccatggg	aanantcaaa		710

&lt;210&gt; 1611

&lt;211&gt; 714

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(714)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1611

tnnaatntca	natacancta	cttgttcttt	ttgcaggatc	ccatcgattc	gaattcggca	60
cgagaatgga	tgetcatata	ttgcttatgg	atatttttga	taccaaagta	ggaataactg	120
gacattcagt	attttaaaag	tggcaaacct	gtacatagaa	aatagatccc	cagacagtgg	180
tctatgaaga	gggcagttaa	gtatcaaata	ttaatTTTTt	tgcctTTTTt	tcttaagtgg	240
ggaaaagttc	tagatctctt	acacctctga	cacaatctgt	tctaaaacag	gcacttgtaa	300
tggtggggcc	tccttgtaaa	cgtgtttttg	ccctttactc	tctgggatta	caggcgtgag	360
ccagtgcacc	cggcggaatc	ttggaatttt	tatagacagc	acctcagttt	ctgactccag	420
ccgcacacct	tctgcctcta	ccagcanggg	ttgccgccag	accagaccag	ggccagggtcc	480
ctgcgtccat	ccccccggta	ggatggacgt	gagccatcct	tctagggggac	ttttttcaat	540
gtgcgaactc	gtctcttgtt	aggtgggtang	aaccagtttg	tntggntgtg	gccacgcctc	600
cacaatgccg	tggtctgggt	tcttgtgtgg	tggnctgtgg	tcccctgttc	cctgcangaa	660
nccaacaagg	cattcgtggc	gtggacaact	tgtgttccaa	anccactggc	cggg	714



<210> 1612  
 <211> 698  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(698)  
 <223> n = A,T,C or G

<400> 1612

tncanantta nctcttgttc tttttgcagg atcccatcga ttcgaattcg gcacgaggta	60
tgcccccttca gaacatgcag agtgatatctt tttttaaatt tctccttcg tttcttaagt	120
attgcgcgaga tttgttcaac tttgtaaata tggacatcac tttttttttc tttgagaaaa	180
cacttgatc agctttgtgg tgttttcagg gagacagctg tctgcattcc ctgtagaaac	240
ccagcaatga ttatgcacgt tgagacatgt gctttttatt tcttagcaag atattttatc	300
tctgtacata aagtagaaac caaaagctag ggaaacagat actctttaca ccatcatgcc	360
acgcattgtt tttaaagcat tgcgttaaaa aaaaattaac taaaccaaga tgctgtgatt	420
ttttaagttg caatatgttt ttggtttttt tcatttttta atcattgcag ttaagagaaa	480
tggaaattaa gttgtgttaa atctgcaga atgtttgcag gactgactat caaactggat	540
gatttccatt tatccctact gngtcagggt caagcatcaa aaatcccttg cntctgagac	600
agacttncta ncatcaggga cagggatctg gtgtgtcatt atacaaaaa gtctaggggg	660
tggaactncn tagtaaaaa ataaaaataa tggncctt	698

<210> 1613  
 <211> 698  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(698)  
 <223> n = A,T,C or G

<400> 1613

ttnnanttca natttgactn cttgttcttt ttgcaggatc ccatcgattc gaattcggac	60
gagaacaaca aaaatctgaa cagaaatgct ctatttacgt tcttttcctt atctgtagt	120
ttttaaagtc attaaactta aaaatgatgt tcaggagaag atgagtgtat ttgcatagtc	180
tgtcataact ctggtattat tttgtacaag gagtgtgtta gggttttcag ttgtaaccat	240
gcagaaaatc tacaaaaataa aagcagttgt taattagtcc tttacaatca gaattgtcta	300
ttttggaaat ttatgaagta cttcagatgt aatttaagaa attgtatttg agccaagcgt	360
ggtggctcac acctgttacc ccagcacttt aggagcctga ggcagggtgga tcacaaggtc	420
aagagttcga gaccagcctg accaacatgg tgaaacccta tctcaactaa aaatacaaaa	480
cttaactggg ccgtggtggc gcgcgcctgt aatcccacta ctcaggaggc tgagtcagga	540
gaattacttg aatctaggag gtggagggtg cagtgaaccg agatcacgcc ctgcacttca	600
cctggaaang angggaaagg gaaaggaaan gggaaaagga aanggaaang ggatgggttt	660
caggctgggc acgngntta cgcctgtaat cccacact	698

<210> 1614  
 <211> 701  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(701)

<223> n = A,T,C or G

<400> 1614

ttcntatcag	ctcttgttct	ttttgcagga	tcccatcgat	tcgaattcgg	cacgaggcaa	60
cgaaataatt	ttaaagtga	tctgggttgg	tagtgcttat	gggagttagg	caaggaaaaa	120
tgagatttct	ctttagaata	tcttcaccta	ggccccaaag	gattctcata	gatagatttc	180
caacaaatat	gaggttataa	taaaaaatac	aatcacata	tagaagtatg	gcaccatgaa	240
tgagaaagga	aaaactgtca	gaacaagacc	ctcaagactt	tactggaatt	aacaagcaat	300
atgtaaagta	aatagaaata	agctattcat	aataagaata	atgtataaga	gactactaaa	360
aataactggg	cagatttgaa	aataatctaa	gttctgggaa	tgaaaataat	aactgaaaaa	420
cagctganag	agagaattaa	tgaactaaaa	gaaagtgtgt	tagagattat	ccagaaatta	480
ggacaaatca	tcataaagaa	aatatgggta	gaaaagggtta	agatggaagg	ataaggcaag	540
tgcttancat	atgtccagaa	ggaaataata	gaaaaaatg	tnttaattcc	tcncactgg	600
taaaagacat	gatggctcag	attcaggga	ttgtacccat	ctcaaaaaaa	aaaaaaggga	660
angaaaagtg	gccaggggaa	atccttatta	aatccntgt	g		701

<210> 1615

<211> 791

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(791)

<223> n = A,T,C or G

<400> 1615

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agatccctac	ctagaagaga	atagatggga	agagaactga	aagaaagaat	tcctcaagca	120
ctgaagtcag	gaaaatcccc	gtaggcactg	tattagtgtg	tccattttatc	ccagcactcc	180
acttgtggat	gaaggagtgt	tatagaaagg	agatgagaaa	atggcaggag	tggaagcagc	240
caagaagaga	tcgatgactg	aagatctcct	tcaccttcag	gactgtctca	aggggttatt	300
tcacctctac	tcatgaggat	ggccagtttt	tctgtctttt	atcttttagac	ccatatataa	360
tcagttcaga	gcacaaatca	aaataaactg	gcctaaataa	ctgaatctag	gaacaaagct	420
acatcttttt	tcatatgccca	aagctctgtt	tcctcatggt	gttcctactt	ttttaataaa	480
taaatgggct	tctcaacccat	cttaaggaac	taagatgggg	tccccatctn	gggtagnaac	540
ccggcttnta	antttttaag	aatcactct	tggtaaaattc	tttancctca	ctttaaaaaat	600
anttanggaa	aaccnccggg	tnanttngga	aaaaaggaac	cgggggnaga	aaccttcggt	660
cntggccagg	gnnttttngg	ccaagtggaa	aaantttggg	tcntttnccc	aggnggnaaa	720
ttggcctant	taantttttc	caaaaatttg	gcccttatta	ggtccaaaaa	aaagcctttt	780
ttncccnttt	g					791

<210> 1616

<211> 741

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(741)

<223> n = A,T,C or G

<400> 1616

ancccnttga	aattcacata	caagctactt	gttctttttg	caggatccca	tcgattcgaa	60
ttcggcacga	ggtaatcctt	tctttttctt	ctccctcttt	cctgctctta	cttatacagt	120
taggtgaata	tgatgctcca	cttccccac	agatactcaa	atagctctga	ctgctgaaat	180

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attggtatct tactgtcagc acataacttg ttgctgtgtt attgacattt tcaactgtttt 240
gaaattttta ctgttatctg gggttgaatc ccagctctcc caagcttcag ttttctttca 300
tttgtaaat gagataaaag tatccacttc atagggttgt tatgaggatt aatgatgaat 360
acaaaacact taacatagta cgtggcatgt aatattagtt gtaaagttaa tgtattcatt 420
atcatcattc tgtttcaaat cagcaatgaa atacagacta cactaatccc atttctgctt 480
ggaattgtga gtctaaatgc catgtagcag ttccctgctt gaaatacact gtaaaccttc 540
caattgcagt caagaatttt actaccttct anggtatacc agggatgggt ggaacataag 600
taaaccttgg agatttggtt ttcccccgtg gtttgggaat tctaancctt ttctacaaa 660
aaaggtaggt aacccctaaa aatttctaata taccatgccc caccntggat ggctnccctn 720
ccaattaaaa actttcagta a

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<210> 1617  
 <211> 738  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(738)  
 <223> n = A,T,C or G

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<400> 1617
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gccctatctt atgagaaaag taactttgaa aggactaata catcctgttc ttagcttctg 120
cttccttcag gccttctcta tgaagccagc ctattctgct cagcgttttg gaacactgat 180
tctatttcat ggaccgaagc attgcccaat tgtagaattg caataaagcc aactgagatc 240
tttaaattgg ctataattca tcctttggca atacagtaaa aaaaaaaaaat tctcacaatt 300
ctgtagaagg gtatgagata tacaataaaa gacaccccca ccctctgcaa tctaccactc 360
acagtagttt atctggtggt ttccactttt taacaatggg tctgggccag gtgcagtgc 420
tcaactccgt aatcctaaca ctttggaggg tcgaggcggg cagggtgcct gagctcanga 480
gttcaagacc aacctgggca acacagtga acccctgtct ctactaaaat acagaagaaa 540
ttaaccgggg tgtggcggca tgcgcctgta gtcccagcta ctctgttggg ctgangcaag 600
gaaaaattgc ttggaaccca ttgangcaaa agnnttgagc tggagcccaa aatcaatgcc 660
ggttgggnact ttcaaacctt ggggtggaca aaaaccgaag aacttttgtc ttntttaaaa 720
aaaaattaaa tttaaaaa

```

<210> 1618  
 <211> 722  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(722)  
 <223> n = A,T,C or G

```

<400> 1618
gnnttttnann ncnnttttnan ttcanatac anctacttgt tctttttgca gggatcccat 60
cgattcgaat tcggcacgag atcatattca agttggcagg tttgactggt cctctgcacc 120
agacatctgt agtaatctgt atgtttttca gccgtctcta gcagtattta aaggacaagg 180
aaccaaagaa tatgaaattc atcatggaaa gaagattcta tatgatatac ttgcctttgc 240
caaagaaagt gtgaattctc atgttaccac gcttggacct caaaattttc ctgccaatga 300
caaagaacca tggcttgttg atttctttgc cccctgggtg ccaccatgtc gagctttact 360
accagagtta cgaagagcat caaatcttct ttatggctag cttaagtttg gtacactaga 420
ttgtacagtt catgagggac tctgtaacat gtataacatt caggcttata caacaacagt 480
ggtattcaac cagtccacat tcatgagtat gaaggacatc actctgctga acaaatcttg 540

```

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gagttcatag angatcttat gaatccttca gtggtctccc ttacacccac caccttcaac 600
gaactagtta cacaaagaaa acacaacgaa gtctggatgg ttgatttcta ttctcctgg 660
tgtcatcctt gccaaagtctt aatgccaaaa tggaaaaagaa tggcccgac attaaactgga 720
ct 722

```

```

<210> 1619
<211> 702
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(702)
<223> n = A,T,C or G

```

```

<400> 1619
ttnanttcan attgactctt gttctttttg caggatccct cgattcgaat tcggcacgag 60
gaactaatga aaagtgggtg tctctaacct tggatatgct tcagagcctc aggggttaa 120
tacctcaact tttggcaggt ntactctaaa gctattaagt atntaatatg ggctcggcat 180
ggtgggtcac acctgtgagc cacctancac tttggcagtc caaggcggac agatcacttc 240
aggtcaggag tttgagacca gcctgtccga cgtggtgaaa ccccatctct actaaaaata 300
caaaaaccga ncgtgggtgg tggcatgcac ctgtggtccc actacttggg aggctgaggc 360
agganaatcg cttgacccag gaggcggagg ttgcagttag ccaagactgt gccactgcat 420
ttcagcctgg gtgacagagg gagactgtct caaaaacaaa aaaaacaaaa acaatggctg 480
ggcacgggtg ctcacgcccg taatcccagc actttgagan gctgaggcgt gcgttatcac 540
cttgagggtca aatgttgaan accagcctgg tcaaacttgg tgaaactgtc tntacaaaa 600
atacaagaat taggtggaca tgggtgcggg ctctgtaatc tcaacttatc aggangctga 660
ggcaggaaaa tggctttgaa cccaaggang tggaaagtta at 702

```

```

<210> 1620
<211> 1028
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1028)
<223> n = A,T,C or G

```

```

<400> 1620
ttgatctttg attcnatcaa ctcttntctt tgaggatcca tcgttcaatt cggcacgagc 60
cgcnactctg nncgccgtgg tggacaacgt gccccnttn cnetggangg aattcgtncg 120
ggccttaggg ntgaactnga ccacgatatc cgatnggcac ggagctgnaa gaacagggcg 180
ctgnccttgn gcenagggcn gcnaatacan tnatgcttnt cgnaacctgg gaaangctgg 240
ntgcaactcc cnnatgggtt tcggaagnn ccaacggctt ggggnaaacc ttgccttggg 300
gaaacgtccn nttgtcttnc ccggatntaa ccaattnggg aacccccctg gctttngggg 360
gncnttggcn cctnngggga annggaacca ttttccnata tnnngaaang gccccnctt 420
nttttggncg gaagccccc anncccttnc ccttttccc tggttgcneg gcccgaacctc 480
caaattgcct tttttttnaa ataattgcaa anggccttga ccccccccc ttnantgngn 540
ccaggctttt taaaanggaa cccggttccc ttgntaaaaa atcnacctt taccnaacc 600
cccaactttt ntttttntt ggaaaaaag ggaangggg atccctggcc atggngcca 660
aantcnaagt anacttatcc aaaatccgga gcttnacctt ttgnttggct ttaaacccca 720
anttcggatt nntaccanta aacttttttc ctttnaaaaa taaatccttg accnncgncc 780
ntctcttaac aattaaaanc ntcttgttt ncctectcca naaaaaagna tnnntncnc 840
cccanagnng ccttcaaaaa aaacnttgn ggtgggggtg gggatttng ggaaggaan 900
anaaggggaa cctttttgcc ttnaaagccc cntnttttgg ggttttaact gaacnaaanc 960

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caaggtttgt ttngnaggcc ccctngggnc canncctttt aancntttt tcaccaatng 1020  
gcantaan 1028

<210> 1621  
<211> 749  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(749)  
<223> n = A,T,C or G

<400> 1621  
ttccattcaa actncttntt anctcttggg ctttatgcag gatcccatcg attcgaattc 60  
ggcacgaggc ggctcttttc cctcgtgact cgggttgctcc tggcgccgcg acggggcctc 120  
acgggtccgca gtcccagca acccctgccg gtggtgcncn ttccaaaaaa gctcccagaga 180  
cntacttttt tgacacagaca tagcctntcg gggcctggac agcactggtg tggagctggt 240  
tgtcaattat gatttcccc cagccttgca agattacatc cacagagcag ggagagtggg 300  
ccgtgttggg gagcnagggt ccaggcaccg tcatcagttt tgtgacccat ccctgggatg 360  
tgagcctggt tcanaagatt gagctggcgg ctgcgcgaag gagaagtctt ccaggactag 420  
catcctcggg gaaagagcct ttgcccacac aacctgattt tgacaaatct gattaaaatg 480  
tgatgctaga cagggatctt tcccagatc ttgagtgggg tgaccacact ttgtcagtgg 540  
ggaggcttnt gggcttgccc ttgtcngctt ccttgagggc cgggatgaac tgcttttttg 600  
aactttggaa aaggtacccc tgcttggnc agcatttggg angaaaaaaa cctgcttgaa 660  
ncattggctt ttcttgtaag tcntttaanc aaagaacaca aagtgggatt ttggactttt 720  
ggantcatgg tcattgaatt tcttaacaa 749

<210> 1622  
<211> 707  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(707)  
<223> n = A,T,C or G

<400> 1622  
tttnatnctt ttacaactct tggtcttttt gcaggatccc atcgattcga attcggcacg 60  
agctgaccc cggcttccag aanganctga aggagatcca gtacggaatc agagcccacg 120  
agtggatgtt cccggtgtga actgcaggct gtgctccaga tccaccgacc cgtagcatct 180  
cgtcacgcca gcaactgcct ccctaccaat gactcacctg aaattgaaac gggcaggaaa 240  
tagtctggca gcctctacag cagaagaaac ggcaggcagt gccagggtc gtgcccagga 300  
ggctgagcag ctgctacgcg gtcctctggg tgatcagtac cagacgggtg agccctagct 360  
gagcgcaagg cccaagggtg gctggctgta caggcaaggg cagaacaact gcgggatgag 420  
gctcgggacc tgttgcaagc cgctcaggac aagctgcagc ggctacagga attggaaggc 480  
acctatgagg aaaatgagcg ggcactggag agtaangcag cccctcgtcg cgggttcang 540  
tccgcccatt actnctttgt cgtgcngtca aaggatacac ctttgcccc gattnccgga 600  
tctnttccg ttctcangcc anaaccctg gtgcttgccg gtgaattttt tttttctctg 660  
gctttgcttg caatttttg aaataaaatg nccnaaaac aaaaaat 707

<210> 1623  
<211> 707  
<212> DNA  
<213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(707)  
 <223> n = A,T,C or G

<400> 1623  
 ttnaannccn nnttgaattc atatacagct acttgttctt tttgcaggat cccatcgatt 60  
 cgaattcggc acgaggagag agagagagag agagagagag agagagagag agagagagag 120  
 agagagagag agagagagag agagagagag agctnacacc agaagaacaa ttagcagata 180  
 aactgcggct aaagaaatta caggaagagt cagacctcga attagcaaaag gaaacttttg 240  
 gtgttaataa tgcagtttat ggaatagatg ctatgaaccc atcttcaaga gatgacttta 300  
 cagagtttgg aaagttacta aaagataaaa ttacacaata tgaaaagtca ctatattatg 360  
 ccagtttttt ggaagtctta gttcagatg tgtgtatttc atgtaaaagta attctaattt 420  
 ctgccccctc tgggtagatt ttagtagga tgttctcttc aggaggttga aggttatttt 480  
 ttattttcaa ggatactata atacanactc atgatttgct gtttttagca attaccttgt 540  
 gaatgtgtgc tgcantacag tgaatttgag tgctggatct ttttgtttgt tgnaggggta 600  
 agaagacttn ttgtttacaa tggttccct taaaanatac ctgggcttgt caccaaagca 660  
 nttaataaaa cactggcctn ttntttttaa aaaaaaaaa aaaaaaa 707

<210> 1624  
 <211> 683  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(683)  
 <223> n = A,T,C or G

<400> 1624  
 ttganttcgt tcagctcttg ttctttttgc aggatcccat cgattcgctc agccctcggt 60  
 caaaagaatc tgttccagaa ttcccccttt cccctccaaa gaagaaggat ctttccctgg 120  
 aggaatttca gaagaaatta gaagctgcag aagaaagacg caagtcccat gaagctgagg 180  
 tcttgaagca gctggctgag aaacgagagc acgagaaaga agtgcttcag aaggcaatag 240  
 aagagaacaa caacttcagt aaaatggcag aagagaaact gaccacaaa atggaagcta 300  
 ataaagagaa ccgagaggca caaatggctg ccaaactgga acgtttgcga gagaaggata 360  
 agcacattga agaagtgcgg aagaacaaag aatccaaaga ccctgctgac gagactgaag 420  
 ctgactaatt tgttctgaga actgactttc tccccatccc ctctctaaat atccaaagac 480  
 tgtactggcc agtgtcattt tattttttcc ctctgacaa atattttaga agctaattga 540  
 ggactgtata ggtagatcca gatccagact gtaagatgtt gtttaggggc taaaggggag 600  
 aactgaagtg ttttactctt tttctaagtg ttggctttct atgnactatt ttcttgtgct 660  
 ctttttactt cntcacttgg ggn 683

<210> 1625  
 <211> 707  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(707)  
 <223> n = A,T,C or G

<400> 1625  
 ttgatncntt acatttnatc cttttttgca ggatcccatc gattcgtttg gctctacttt 60  
 gcagggaatc tggcatcggg tgggtgccga ggggcnacat ccctgtgttt tgtgtaccct 120

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cttgattttg cccgtacccg tctagcagct gatgtgggta aagctggact gaaaggggaat 180
tccgaggcct cgggtgactgc ctggttaaga tctacaaatc tgatgggatt aagggcctgt 240
ccaaggcttt aacgtgtctg tgcagggtat tatcatctac cgagccgect acttcggtat 300
ctatgacact gcaaaggga tgcctccgga tccaagaac actcacatcg tcatcagctg 360
gatgatcgca cagactgtca ctgctgttgc cgggttgact tcctatccat ttgacactgt 420
tcgccgccgc atgatgatgc agtcaggcg caaagggaact gacatcatgt acacaggcac 480
ccttgactgc tggcggaaga ttgctcgtga tgaangangc aaactttttt caaggggtgca 540
tgggtccaatg ttctcanaag catgggtcgn gcttttngc ttgtcttgn ttgatgaaat 600
caagaagtcc accntaagtt tatttcctan gattttttcc ccctgtgaaa caaggcattg 660
ttggaantta atatnaacaa antctttgaa ncattttttt gaacana 707

```

<210> 1626

<211> 700

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(700)

<223> n = A,T,C or G

<400> 1626

```

ttgacttcgt atacaatntc ttgntctttt tgcaggatcc ctcgattcga attcggcacg 60
agcgaagtcg ggatcgaaga aagatcaaaa agccgggacg gaaagtcata taagcacag 120
gagcaaaaagt cgggacagag aacaagatag aaaatccaag gagaaagaaa agaggggac 180
tgatgataaa aaaagttagt tgaagtccgg tagtcgagaa aagcagagtg aagacacaaa 240
cactgaatcg aaggaaagt atctaagaat gaggtcaatg ggaccagtga agacattaaa 300
tctgaagggtg aactcagtc caattaaaac tgatctgata agacctcaga tcagacagag 360
gactactgtt cgaagatttt tggagaata ctgagaacgg cataaagtga agatcgacat 420
ttaaaaaatg aggtgaaaga aagctatagt ggcatagaaa aagtataaag ctcatgtagt 480
ttttttatta ttattattat taaaagttaa ttcaggactg atgtgacctc ccagatttca 540
gaacatgtgt taatagtata tatgccactg aaaacttagg tcctgtatca tacttttttc 600
tttaagactt ttaagaaat attacttaaa ccttgtggct tgctcagtg tttaattgcc 660
agtttcaatc ttggactttg aaacaggatt aaccgtagn 700

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<210> 1627

<211> 703

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(703)

<223> n = A,T,C or G

<400> 1627

```

ttanatacaa gctacttggt ctttttgcag gatccctcga ttcgaattcg gcacgagctt 60
gagtctagga gttcaagacc agccttgga acgtggctaa accccattgc tacaaaaata 120
tatatatata aaaaattagc tgggagcggg tggcacatgc ctgtagtccc aactactcag 180
gaagcccgan gtgggagaat tgcttgagtc tggggagcag aggttgagc gagctaaggt 240
catgccactg tactccagcc tgacagagca agaccctgtc ccccgacaaa aaaaagcatc 300
atgagcaact ctcccaaggc tggcccctgc acatgtcttc ccatccacca atagagtccc 360
agttcatagc cattgtcaca ccattgtcct gtcttcctct caactgaggg tgatgtttag 420
aggcatgatt tctatcta attgaaagcca gaggtctctc caacattttc cagagtcttc 480
ttgtagaaaa ggagctatgg atgtttcctt gaaaacangc cccgattcct gtgacacacc 540
catcacatgt tgctcaaagc tatcccaaga tattaccaaa tattggacat cctgtcctgg 600

```

gtgagcaggt agcagtgccta aggtaagaca aagttncag ttctgggagt cttcctactt 660  
ccaagaaggc caatccttga gcagtgtgga ttctgtggt tat 703

<210> 1628  
<211> 715  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(715)  
<223> n = A,T,C or G

<400> 1628  
tttgaatccc tttacaactn cttgttcttt ttgcaggatc ccatcgattc gccctgttt 60  
acagcaataa gcacgtcctc ctcccnact cccattccag gattgtggtt tggattgaaa 120  
ccaagtttac aagtagacac ccctgggggg gcgggcagtg gacaaggatg gcaaggggtg 180  
ggcattgggg tgccaggcag gcatgtacag actctatata tctatatata atgtacagac 240  
agacagagtc cttccctct ttaacccctt gaccttctt gacttccct tcagcttcag 300  
accccttccc caccangcta ggccccccac acctggggga cccctggcc cctcttttgt 360  
cttctgtgaa gacaggacct atgcaacgca cagacacttt tggagaccgt aaaacaacaa 420  
gcgccccctc cctccagcc cttgagccgg gaaccatctc ccaggacctt gccctgtcga 480  
ccctatgtgg tcccacctat nctcctgggc cttttttnaa gtgctttggg ctgtgacttt 540  
catactctgc tctttagtct aaaaaaaaaa aaactggaga tnaaanttnn nnntnccaaa 600  
nnnnnnanant tnngnnnnnc annngnnnnn nnnnnnnnn aaantnaatt tnnntnnnan 660  
ttgtntnnng ctnttanaaa tanantnnac ccttntctnt ataaaatttc gnnng 715

<210> 1629  
<211> 694  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(694)  
<223> n = A,T,C or G

<400> 1629  
ttcanatata agctacttgt tctttttgca ggatcccatc gattcgaatt cggcacgagg 60  
cctacactag tgaattaatc tgaaaggcac tgtgtcagtg gcatggcttg tatgcttgtc 120  
ctgtggtgac agtttgtgac attctgtctt catgaggtct cacagtcgac gctcctgtaa 180  
tcattctttg tattcactcc attccctgt ctgtctgcat ttgtctcaga catttccttg 240  
gctggacaga tggggttatg catttgcaat aatttccttc tgatttctct gtggaacgtg 300  
ttcggtcccg agtgaggact gtgtgtcttt ttacctgaa gttagttgca tattcagagg 360  
taaagttgtg tgetatcttg gcagcatctt agagatggag acattaacaa gctaattgta 420  
attagaatca tttgaattta tttttttcta atatgtgaaa cacagatttc aagtgtttta 480  
tctttttttt ttaaatttaa atgggaatat aacacaagtt tcccttcca tattcctctc 540  
ttgagtttat gcacatctct ataatcatt aagttttcta ttttattaca taaaattcct 600  
ttagaaaatg caaatagtga actttgtgaa tggatttttc catactcctc tacaattcct 660  
ccatttttaa atggactact tttattttta aatt 694

<210> 1630  
<211> 908  
<212> DNA  
<213> Homo sapiens



<220>  
 <221> misc\_feature  
 <222> (1)...(908)  
 <223> n = A,T,C or G

<400> 1630

gaaaaaccctt	ttgaaatncc	cnnttnaat	tcanatacaa	gctacttggt	ctttttgcag	60
gatcccatcg	attcgaattc	ggcacgaggt	ggcaaagctt	catccagtct	aggtcttcag	120
gattttgatt	tgctccgggt	aataggaaga	ggaagttatg	ccaaagtact	gttgggttcg	180
attaaaaaaa	acagatcgta	ttttatgcaa	tgaaagttgg	tgaaaaaaga	gcttggtaat	240
gatgatgagg	atattgattg	gggtacagac	aggaagaagc	atgtgtttga	gcaggcatcc	300
caatcatccc	tttccttttg	ttggggcctg	cantttcttg	gcttttccag	nacaggaaaa	360
gccagaat	ggtttctttt	ggtttantaa	ggaagttant	ggttaaaaat	ggggaaggga	420
agaaccnta	aatgggtttt	ccantaatgg	ccaggccgga	acaaaaagg	aaaaaacct	480
tttccntgg	naaagnaaaa	ccaattgncc	ccaagaaatt	tttttaacnt	tcttggccaa	540
gaaaaaaatt	caaagttcct	taagcccant	tttaaaaaat	ttaattcctt	ttnattgga	600
agcccgaag	gggaattaaa	nttttnanta	aggaagaatt	ttgnaaaacc	ttggggacca	660
aatggttatt	taacctgggg	acntcntgga	aaggcccacc	antttaaaac	ntccactgga	720
cccaccggcc	attgtgttaa	aggaaaggat	ttaccggcca	gggnaagata	ccaaccagca	780
ctttctggng	gtacctncta	attacatgct	cctggaaatt	ttaagangag	aagattatgg	840
nttcaatgtt	gactgggtggg	ctcttggagt	gctcatgttt	gaagatgatg	gcagggaaggt	900
ctcctttt						908

<210> 1631  
 <211> 710  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(710)  
 <223> n = A,T,C or G

<400> 1631

gaancccttt	nnnttnnaa	ttcananaca	ngctacttgt	tctttttgca	ggatcccatc	60
gattcgaatt	cggcacgagg	gaactaatga	aaaagtgggt	gtctctaacc	ttggtatgct	120
ttcagagcat	caggggtaaa	ttacctcaac	ttttggcagg	tatactctaa	agctattaag	180
tatataatat	gggctcggca	tggtggctca	cacctgtgag	ccacctagca	ctttggcagt	240
ccaaggcgga	cagatcactt	caggtcagga	gtttgagacc	agcctgtccg	acgtgggtgaa	300
accccatctc	tactaaaaat	acaaaaaccg	agcgtgggtg	gtggcatgca	cctgtggtcc	360
cagctacttg	ggaggctgag	gcaggagaat	cgcttgaaac	cangaggcgg	aggttgcagt	420
gagccaagac	tgtgccactg	catttcacct	gggtgacaga	gggagactgt	ctcaaaaaca	480
aaaaaacaaa	aaacaatggc	tgggcacggt	ggctcacgcc	cgtaatccca	gcactttgaa	540
aggctgaggc	gtgcctttat	cacctgaggt	caagatgttg	aaaaaccacc	tgggtcaactt	600
tggtgaaact	gtctctacca	aaaaatacaa	gaattangnt	ggacatgggtg	tcnggcttct	660
gtaatctcaa	cttantcang	aagctgaggc	angaaaaaat	ggctttgaa		710

<210> 1632  
 <211> 700  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(700)  
 <223> n = A,T,C or G

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<400> 1632
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atcgattcga attcggcacg agagatacat tgaactcttc aggagcacag cagctgaagt      120
tcagcagggtg ctgaatcgat tctcctcggc ccctctcatt ccacttccaa cccctcccat      180
tattccagta ctacctcagc aatttgtgcc ccctacaaat gttagagact gtatacgcc      240
tcgagggtcct ccctatgcag ccacaattga ggacatcctg gatttctctg gggagtctcg      300
cacagatatt cgtactcatg ggggttcacat ggttttgaat caccagggcc gccatcagga      360
gatgccttta tccagatgaa gtctgcggac agagcattta tggctgcaca gaagtgtcat      420
aaaaaaaaca tgaaggacag atatgttgaa gtctttcagt gttcagctga ggagatgaac      480
tttgtgttaa tggggggcac tttaaatacga aatggcttat cccaccgcc atgtaagtta      540
ccatgtaagt ttttcttggg tcttggcgct attctacgct atatgctggt aggtgcttaa      600
gctgctttcg taactttctg gcccttggtt ctttctgagc aggtgaggtg gttatataag      660
gctcttccat ctgtaatcag tagtacctgg taatcattta                                700

```

<210> 1633

<211> 670

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(670)

<223> n = A,T,C or G

```

<400> 1633
gntnaccnnc cngnncnaaa nnacgcatnn gngngnntgg ctnannntng catttttagt      60
agagatgggg cttcacaatg ctgccaggt ttttcnngaa ccgctgacct taancgaggn      120
gnctgccttg gcctcccaa ggtgcnggaa tnacaggcat gagccaccgn gcccgatga      180
cancgtatt catlaagtgt ctntncngna cagnctaatag ancnaagctan cnnncatgga      240
agtgcgaatgc cnnccanngt ngttnttnan ncctnaancn gntgggncca ggtntatnaa      300
cnanctnaca nnctgngta gagagggact acaggcgcat gccaccacac ctggctattg      360
tggattttta naaatttttt ttgtanagac agggctcttac tatgttgccc aggttgctcn      420
tgancctctg ggctccagag agccttccat ctccagcctcc caaagtgcnt ganatnatag      480
gcgtgagcca ccacncttag cccattgtna ctnttttagag ctctaatact tcttttaang      540
gcactaaaaa ctcaatctta aatccagttg ntnttcattt gggatgaatga aatggaggg      600
accctcctta attttttttc cagggttttg ggattgaana aatttcaann atcttcaaag      660
cgacctaaan                                670

```

<210> 1634

<211> 716

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(716)

<223> n = A,T,C or G

```

<400> 1634
tccntatata aagctacttg ttctttttgc aggatcccat cgattcgaat tcggcacgag      60
ctttaaacia aaaatatgtt atcctacaca ttagtgtaa tccaatgggt gtctcttatc      120
tgtctaaata gcaaaatcat gaaatcagc tgttttattt gcataggaca actaacctgt      180
ctgtgtaact ttgtttttat tttaactctt actagaaaat ctaatcttaa aacatttgaa      240
ttctaaacat gtaaaatgtg acagcctgca attttgtaga cagtgaagta atggctgcta      300
tttataaatg gaacatctat caaaataagt aactgtttat aaaattcagt ttttgtaggg      360
ttttccaagg aaaaatcacc ttggttgaat gtttctcact cattaaactt tgcagaagt      420

```

```

atccatattc agtactgttt ttaatcactt tttaaaatat aaggaccgaa tgcaaggaaa      480
ccaaagttta ttaataatTT ttatataact aaaataaaat agatgtggag ggatctgtga      540
tcatataaaa aggganggtt actgaaaaga attttagcaa tatattgggt tcagggaaaa      600
nggagctgtt tttattaaaa tggatccatt cactggntc cctaattgggt tcctatggta      660
tcctttccaa acccgatta cccttttact tattttttaa aagnagccgg taaaat        716

```

&lt;210&gt; 1635

&lt;211&gt; 691

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(691)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1635

```

accnnaaacc ctttgcaact ncttggttctt tttgcaggat cccatcgatt cgaattcggc      60
acgaggttgg cttccccggg agagganttt gaggattaaa aatattcaga aacaaacaaa      120
agaacacaaa aatgcaaaca catggtangg aattactact gcttattctc aacagtacca      180
cagaaccagt gtttgagtgc tggcaccata tgcaacatgg ggcacccggg ctggagtgat      240
ccagtttttt agttggtggt ggcgatgatt tttctttcct tttggtttat aattttctgt      300
tcatttttcc cccttttctcc cccacattca ttaagaaccc tactgaaacc ctaggtgaca      360
aaaggtgtgc cttctgttgc cacatttgac ccaccacagg actcactgga ctggacttct      420
atttatattg tattaagtaa ctgatataata tatatatata tatatatata tatttttgat      480
tgacacaaaa aaattacctt ggcacaaatg ccagacctgt gaaggtcaga ggcccgtgc      540
ttcttccagg agggagggaa ctttttggtt gctgtggcaa ttcctctgta cagattgtaa      600
ctttttttaa aatttcctt caccctcgtc acttgaatat atgttcatag taatttgtaa      660
gaatacttct ttttccttat tttgggtgca a

```

691

&lt;210&gt; 1636

&lt;211&gt; 686

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(686)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1636

```

tttgaatccn tttacancta cttgttcttt ttgcaggatc ccatcgattc ggcagagtgt      60
gccttttgcc cgtggtgtgc tagtancttt ggctgatget aagctttcct ggtatgcgcc      120
ctatttttaa gaagtaattg cttttgaatt aagttatagc attactaatt catgttaatg      180
actaggaaac cctctgtaat ttacaagatt tttcaaattg gtggggagtg aataaataca      240
atttaaaaga gtcagaaatc agtttggtgaa agtgactctt cttaatttct atttatgatg      300
aagtatanca taatttattt gtaatactac tttatgggat accagtgaat gaactgtagt      360
ataaaaaaga ggtattaatg ttttatgaaa tctcatgcat cagttcatag cataaaatct      420
agctggacaa ctaagaagct atggtagcaa acagtgatgt tgatggaatg agaatcatga      480
actttcatat tacctcaaag gattttttta tcagtttttt tcacacatca gaaaaaactg      540
actgtataaa cacttatcac tgaccttttt ctatgtgnag ttttgccttt tatcttttcc      600
caaattttat aaagagaaat taatnaatat tttattacac attgtaaaaa aaaaaaaaaa      660
aaaaactcga gcctntagaa ctatan

```

686

&lt;210&gt; 1637

&lt;211&gt; 710

<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(710)  
<223> n = A,T,C or G

<400> 1637

ttccgtatac agctacttgt tctttttgca ggatcccatc gattcgaatt cggcacgagg	60
caaggtgcag tagctcacgc ctgtaatccc agcacttttg gaggccgaga caggaggaggat	120
tgcttttagac caggagttca ggaccagcct ggccaacaca gtgaggccct gtctacaaaa	180
aattaaaata atcacttaaa aaaatcaaat attcttgaaa aagtttagac ttgtaaaaata	240
taatattggg aaaatggaca tggtagaat gaaaaactac aaaataaaac acagacagac	300
agacctgtga ttggtaaata tttgatagg tccagaaaaa cttatggatg aatcaaatca	360
taattgtata atttgectac aaaagaactg atccagatca aaataatttc aggagactaa	420
agtgaaaatg gaaacatttg gaantctgtt aaacaactgg cttaatgaac ttgtctctag	480
aaaataccct ctcaatgaaa atgaactttg ctatggtata tttttctttt aaatagttgt	540
agtcattgaac atggagtcaa aatgctctct gggctatcaa tttttctctt taaaacaagg	600
cttttggctt gcattccac aaggctctta aataccgtaa ntattttcct ttatttnttc	660
cagaatcaaa antattttnc caaatccctt ttggggantt tcttctttcc	710

<210> 1638  
<211> 685  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(685)  
<223> n = A,T,C or G

<400> 1638

ttcanatcag ctcttgttct ttttgcagga tccctcgatt cgaattcggc acgagtga	60
ttcagctaac cgagcagcta cggtcctca tcccacaaga gggatgtgag aaagttcatg	120
tctcatgtta tctggacctt gaaaatggaa tgttcagaac acatgtgcaa gggagctgtg	180
ccaagctcat gtcgcgaaca ggctcctga tgaagcttct cagcgagcag caggaagcaa	240
aggcattgaa tgtagaatgg gatacggacc aacaaaaaac aaattatatt aatgagaaca	300
tggaacagaa tgaacagaaa gagcagaagt caagtgaagt catgaaagaa gtccaggat	360
atgactataa gaacaaactc atcttcgcaa tatctgtgac tgtcatacta ataattttga	420
ttataatttt ttgttttata gaggtaaaga caataattaa ttcaggtttt caaaatacaa	480
tcctgtgttt gtgtggattc agaatccaca aactgaaaac caacgtcact ttcccacttg	540
acattcttct tctgtcattt aaaggctgan gtgtgctttg ttcttttact gcaatgtata	600
ttccaggatt ggtaaaggat cctcgcttnc aggaggtctc tgtgaaataa aaccgaagt	660
aatccccaaa aaaaaaaaaa aaaat	685

<210> 1639  
<211> 683  
<212> DNA  
<213> Homo sapiens

<400> 1639

ttcgatcagc tcttgttctt tttgaggat cccatcgatt cggaaagatt ctcaaggaag	60
aagtaataag gcattacatc tgaagagtga tgctgaattt aaaaagatat ttggccttac	120
taaggatttg agagtgtgcc ttactcgaat tcctgccatt tgacctctgg agaaggttcc	180
gattccttta gcagtttggg aaagagtggg acttacaaag agacagagtt tatggtgaag	240

```

gaaggagaga gaaaacagca gaattttgat aagaaaagaa aagcaaaaac taataagaag      300
atggatcaca taaagaagag aaaaacagag aatgcttata acgcaatcat aaatggggaa      360
gctaattgtca cgggttccca actcctaagc agtattttac caacttcaga tgtgtcacaa      420
cataacattc tcacgagtca cagcaaaacc agacaagaaa agagaactga gatggaatac      480
tatacccatg agaagcaaga gaaaggcctt tgaattcaaa tgcagcttat gaacaaagtc      540
atttcttcaa taaaaattat accgaagata ttttccagt gacaccaccc ggagtttaga      600
gaaaccattc gagatgaaaa aataagaaga ctttaagcag gtgctgagag agaaagaagc      660
agctcttgaa gaaatgcctt aga                                         683

```

&lt;210&gt; 1640

&lt;211&gt; 689

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(689)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1640

```

ttcanatata agctacttgt tctttttgca ggatcccatc gattcgaatt cggcacgaga      60
gaagaatttg gtataatcat gaaagccctg tggacaggac agtatagata tatcagtcca      120
aagggacttt aaaatcccat tggggaagat caatgaccaa gtttgcagga tacagtgcgc      180
aagattcaca agaattgctt ctgttcctaa tggatgggtc tccatgaaga tctaaataaa      240
gctgataatc ggaagagata taaagaagaa aataatgata atctcgatga ctttaaagct      300
gcagaacatg cctggcagaa acacaagcag ctcaatgagt ctattattgt tgcacttttt      360
caggggtcaat tcaaactctac agtacagtgc ctcacatgtc acaaaaagtc taggacattt      420
gaggccttca tgtatttgc tctccactag catccacaag taaatgtaca ttacaggatt      480
gccttagatt attttccaaa gaagaaaact cacagataac aacagatttt actgcagtca      540
ttgcagagct cgacgggatt ctctaaaaaa gatagaaatc tgggaagtac cacctgtgct      600
tttagtgcat ctgaaacgtt ttnctacga tggcaggtgg gaaacaaaaa attacagaca      660
tctgtggact tncccgttaag aaaatcttg                                         689

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&lt;210&gt; 1641

&lt;211&gt; 683

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(683)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1641

```

ttcananata agctacttgt tctttttgca ggatcccatc gattcgaatt cggcacgagg      60
tttcttgtaa gtactctggg agtgcataat acattttaaa taagattaaa aattatgttt      120
tattcttact agcatcactg tcagataatt gagccgtgag agcattcagt gctgtgtgct      180
tggtaccgaa gtagtaacat caattcagtg ttcagtacat ccactttgtt ccagaacaat      240
gtattcaagg tcggtgtatt ttggctgtgc cacagagttc tggaaattcc caagagaata      300
agttttcacc tggtatataa tccagcacia gtgactgtgt agcagcaacc tcatgtttca      360
tgatgacttt aaaatgcaat tgattctaaa atttagcttt taaaaatttc gacttcagat      420
tttctctgaa ggtttaaggt aggcctctcc tttattaatt tttttcaaga aatatttaag      480
aacactgctc tgtgctatgt accattctaa gcactttaca gatactaatt catttaatcc      540
tcagccctgn taggtaagta ctgctattcc ccccgccag atgangaaac agcctcagag      600
gagtaaaaca ggttgctcan gtacacggca gcgggttgga ctactcagtt tcagataatc      660
actgngaaat tttactggtt tga                                         683

```

<210> 1642  
 <211> 716  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(716)  
 <223> n = A,T,C or G

<400> 1642  
 tntcanatac agctcttgtt ctttttgcag gatcccatcg attcgaattc ggcacgaggg 60  
 aacctcacct gtggctcagc tcacccca tccgtttctc attacgtgta aataaactgt 120  
 cagagctgat gttacagctt ttacagttaa aagcattccc ctctctctta gttccttttt 180  
 tcttggttac atgttttggg cactttccct cattcaccac cttccagggt ttcatagaaa 240  
 ataacttggt acaaaatcag ttcaattcta atgtggacat agtggcatgt tcataattag 300  
 acccatatag gggacactga gctttaaate gttgattcta aactctatac attaaaaaaa 360  
 ttcagcccag gccctcaaaa gcctgagaaa atttaatttg ctcttaattt aatgttccaa 420  
 aactcactct tggaaaaatg cctgttggaa aactacaggt gggtcacatg tgggggctgt 480  
 ctccgtgaca ctccaggattc cagtcagaac ctaatcctca tatctattgc ctacaaaaat 540  
 agaccaagaa tgttgctgct cttttataat cctttaaata tttaacattc aagttttctt 600  
 ttgtctttaa ttcagcctct ttcttaaaag caaaaaaaaa gcctcttaga actatagtga 660  
 gtcgtattac gtagatccag acatgataaa gatacattga tgagtttggg caaacc 716

<210> 1643  
 <211> 809  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(809)  
 <223> n = A,T,C or G

<400> 1643  
 ttgaattccn atacanctac ttgttctttt tgcaggatcc catcgattcg aaaaaataaa 60  
 agtaaattct aggcaagcta aagagtgaat tgtatcatca cataggagga agtgggggaa 120  
 aaaagtgaat tgtaagaaat gaaatgataa gaagaactta gtgggtattc gtttgatttt 180  
 ggaggcactc taggaaaatt ctgccagatt gtactacatt taaaaaaaaat tttttttaac 240  
 ttttggtgct ttcagtttgg tcatagacaa atgaaaaggc acatcacaaa ctaaaaagaa 300  
 aatcagttcc tatatatgat aaagggttaa tatgttttta tatggagagt tcatataaat 360  
 caataaacia aacactaata ccctgtacaa ataataagacc tatcaggcat cgtttctgat 420  
 gccgttctct gatgaaaggg aaccagggtc cctcagagaa atggctgatg cgaggactga 480  
 gaaaatacac cagtatggtt ggtcaaggca ccggtggctc acgcctataa tcccagcact 540  
 ttgggggaaag cccgaangtg gagccgggat ccactttgna nggtccangg gaagtttcca 600  
 aagaaaccag gcccttgggn cccaaccatt ggggtaaaaa aaccccccat cttcttactt 660  
 taaaaaaaaat tcccaaagga ttttagcccc caggccgtng gtngggtncc cattaccctt 720  
 gttaaatccc cagccttact tcaaggaaag gcctttaagg ccaaggaang gaattggttt 780  
 tggaaacccc ccaaaaangg ccaaaangg 809

<210> 1644  
 <211> 1387  
 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1)...(1387)  
 <223> n = A,T,C or G

<400> 1644

ccgctcngca	nnncttct	ntgacgcgcg	nttntntgnt	gtnnnnann	ncngtatgtn	60
cnctnnnacc	ntgcgncn	ntcagcgtct	acganntggn	gntcatatag	ggggngatt	120
nacactgngn	gggtcnttag	nnctgttttg	aaaaaccnt	ctggcagcgn	cnngcgaggt	180
nnancganct	cgctantaag	ngngggcnnt	aannngnnan	tnnngtnagg	ngcagtgnnt	240
nnntnnagg	naattggnnn	ntantgntgn	ngnaacntna	tangtcnang	ttnantntng	300
ncngatatgg	ntttctgnta	tcgtnnnnnt	cnntannnn	tngngngnnt	gtcntgatgn	360
tnnngcntgt	nnnaagannn	cttntntcnt	gtgnntnnnt	gtntctcggn	tgtgtnnntt	420
ngnccctaa	tncngntnn	cannnttct	gctgganct	nnncntccn	tttttgntna	480
tnntccngt	cngcntgncc	nnnnngnctn	ncgcnnnna	ntccggnan	tagcnnagct	540
ntggngctc	tnnnntagn	ngatnnccng	tgctantnca	ncngantntn	nnnnnacgcc	600
gctacgncnc	tntcngatcg	tacnncantg	tgntcnncna	nacnnnacng	ntntnagcnc	660
agnanngtnt	acgntctng	taccnecgan	nttcgangcg	cngtnnagtc	tgggcgtnnn	720
tngnnanagt	atntcggntc	ccacntnntn	ngcgcntgca	aagagtgtna	tnncnctnn	780
gcnannnggt	gtnacatata	ganacantag	cnggagcgcc	tnattntgng	tctanntacy	840
ctntntgtga	nngatntaca	tctnanntgg	cntgcnaent	nanntnatgn	cgcnantntt	900
ganntnnngg	agangttcag	cnncaaattg	gcacgngcat	ntngnncttc	agtgacgcnn	960
tcgnnantnn	annacacnct	tgntgtant	gtcgtnatcn	ntaaccacnc	tntcttactn	1020
ngnngntcnn	cgggnngaa	gnratnnnt	ncnnncgnat	gcgcagatac	gctnggngcg	1080
anattgngct	tgtnacagct	cagcacngtt	ntnacagngt	nnntntcctn	nctgtcgncn	1140
tgncnncggn	catnncgtna	gtntgtacgt	acngcgcaa	tantctnatn	tangctcanc	1200
ntnagcncnn	nctgcnnag	tntnngtnca	tgtannngana	gatnatancg	tnantntntg	1260
nagnngtncn	gccngnnga	nnngtacata	ctctgtntntn	nnngatctcc	ncgctnccgt	1320
gntctctncg	ngtnttatna	ncgacgtttt	nacagnnann	tcancntnac	tcccgtctgt	1380
atnnnnng						1387

<210> 1645  
 <211> 1492  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1492)  
 <223> n = A,T,C or G

<400> 1645

acgtcnntct	gtccncatta	cnctatnnac	acacgtgnan	cctngacggn	cacnctgtgt	60
ctatcnnctn	ganannataa	cnttgttgcn	ntgncgnnan	nacgagttcn	ntantgntg	120
cattancacg	agaggntctt	ncatttatnt	nnngggcac	nccgcgncgt	tttggtaaat	180
ccntattgt	natggaacga	gtcngctanc	aacatcntga	tnnntagntc	ccgatcanna	240
tgaagcnnta	ngcatcctcn	gaancntnat	nggtanatnt	tnatntagen	nnnnnttgc	300
gnacnctnga	nanatagngg	acnctagnta	gtannntagt	ccatnacnta	tctnntgtnn	360
naaancctnc	annacntctt	ggcntgaaaa	natacnntna	nttnggann	nnncggnncg	420
tgtnancagn	ngggntggat	tgntttgntg	tgngcncat	ncnctgnggn	ctaaatmnta	480
ntntactgnn	ntnannnnnt	aagnntcnnn	ctnannncaa	ncnnngcnnt	tgagatntgn	540
acganttagg	ngtnnatcng	nntaggnnta	tcnntnnna	ntganataan	gcnnntntnt	600
netcantggn	tcngcgctg	ctntcttggt	cagntagtn	ntgcnnacnn	atgngngcnc	660
tnacncacng	cacncntc	ancngatggn	ctantcacag	naccaacatn	cncantanct	720
tnanantact	nacnactgac	gcnnntgtnt	ctcgcctcn	ngaggananc	nnngacatgt	780
ctcngaacan	tcncnncnt	cacatntctc	ngcncgttca	ctnnntatgc	naagcnnntg	840
accgacntt	ctntctntac	atatcgtnng	tnntgtnnat	nacacgcatt	ctntcnccaa	900

```

nctatncncc ntcacnngt agaganaacn cgattnnnta cttnncgata gcgcgcnnnt 960
atactnnntta catanacac tacttnngcg atnatctnaa tacnatacnn tgcggtcagc 1020
cnaatntgaac nnctcgaaca ctengngacn tntnnatntn tcanncatgn atnnnanata 1080
cttgtgtgnt nagcacactt annctgagcg tancngctnt atcgtnacag cnttcgntnt 1140
acacaganca tacnttgntn tancgtatnn acnctatant gcaccntanc nactgatntn 1200
gtatnnngnag gtgangntna agnggancnn tnnaanntgn cntancttct cctncngngg 1260
nncgnacnca ncnncntgag agtcnngtnn tgnanccttn tatchaanna ancnactn 1320
tacgccttga tcnnnngtct cgcngtntnn ntgtatattg ncgatctaaa tanncnntgt 1380
tgcgnntnta taagacnnet gctctnnatg ctctgnntca ctagnncagt ctcttctnnt 1440
gnacagannng actgctntan ncntacgctc tcgtgtntgn ccctcnnatc cg 1492

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```

<210> 1646
<211> 710
<212> DNA
<213> Homo sapiens

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```

<220>
<221> misc_feature
<222> (1)...(710)
<223> n = A,T,C or G

```

```

<400> 1646
ttcanataca nctcttgttc tttttgcagg atcccatcga ttcgaattcg gcacgagggg 60
taccgtatcg acgtggggcc tccggttgct gctaaatggg aaaaacttag cttagtactg 120
atagatgact ttattgaaag tggaaactgaa caagtactcc tactttttaa ggactccttg 180
aactcagact gcctgacttc atttaaaata acggatcttg gaaaaataaa ctattcgagt 240
gaaccatcag attgcaatga agatgactta tttgaagaca aacaagagaa tcgttacctg 300
gtggtttccac ctctagaaac aggactgaaa agcacatgga agatcttttt gcacttcttg 360
cagcattcca taaatcttgt tttcaaatac catcacccgg ctatgccctg aattcaatga 420
agggtgtggct cttagaacat atgaaatgtg aaataatcaa agaatttcca gaagtgtact 480
tttgtgaaag accgggaagt ttctatggga cactcttcac ttggaaacag agaacaccat 540
tcgaagggat ttttaataatc tattccagga atcaaacagt tatgttccag tgccttcata 600
attctcatcag aattcttcct tataaactgt ttctcaaaa atctaaaatc aggaagtgag 660
aatttcctaa ttgataatat ggcatttact ttggagaagg actagtcacc 710

```

```

<210> 1647
<211> 721
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(721)
<223> n = A,T,C or G

```

```

<400> 1647
ttcnatcagc tcttgttctt tttgcaggat cccatcgatt cgacctcaaa aaaaatgctg 60
atattcctaaa atattcctag tatcctaaaa tattccataa atcagatatc ctacaaagcc 120
aaactgggtcc ttcttgtaa aattaataag attctataag ctgttaacca aaaaagtctc 180
cactaacact gcatacttaa ctctcctaaa taaatttaaa tatgcaaaat gtttaattcaa 240
atcaaaataa taataaacac aaccataaag ctagcaatta agattaaaag gtttatgagt 300
gtctattaaa ggataaatgg ataaagaaaa tgtgatattc gtatacaatg gaatactatt 360
cagctataaa aatgaatgaa atcatgtctt tttgtggcaa cgtggatgga actggaagcc 420
attatcttaa gtgaaacagc tcagaaacag aaagtcaaat atgctggaag atcttctctg 480
attactttta ttttctaagc caggtcattg gcttagtaag aaagggaagc attaggagtt 540
tgaaaagaga ggagagcata taattgtcta gaaagtggga aagtgaatgg actagagaaa 600

```



```

tacagtatga tcaccangcc agtggttaang ggctcatttg aggctaaagg gtctgagttt    660
aaaagtggan ggccnggtca gcnttggggt ttgnggcttt tttttcttcc agcccccttt    720
n                                                                    721

```

```

<210> 1648
<211> 712
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(712)
<223> n = A,T,C or G

```

```

<400> 1648
tacanctctt gttctttttg caggatccca tcgattcgaa ttcggcacga gcgcgacgca    60
cattgatgga gcgtatgtcc aggcgcgggt gcaccgcaag gagcaaaaaca gacacagttc    120
ttggtcctag ggctcacgtc ccggggcgaa gaggatcctc cataaacgat cagccatagc    180
agctgtgatt ggacaagaga ctgatttcag tgactttctc ctgataagag accaccgacc    240
agctgaccat gccgaccagc tgaccgcgta atagagagag atgatgcacc tgcatgcctt    300
tgtgtcctga aaagacgttt tgccataaag gccctaattg taagatgtgt aaatgttaag    360
tctccacccc aaagtgaaca tgggtcatat attacatgct ttgctcaata agagggcatg    420
tgtcaggacc accttcacga atattcatag ctectnctgt tacctgttga atatgtatgt    480
ttagccaatc ccttcagcat agcgtcctt gccccaacce ctectncttg gacgtgcctg    540
tctctggcct tggctggaga cagattccca gcctcagaca gatggccgnc acctttgcag    600
gctacgaacc gtttacaaaa aaataaagcc ttctnttttt tccnnnnnaa annnnnnnnn    660
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn ntntntntnn nn          712

```

```

<210> 1649
<211> 678
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(678)
<223> n = A,T,C or G

```

```

<400> 1649
ttgnaattca natcagctct tgttcttttt gcaggatccc tcgattcgaa ttcggcacga    60
gggacagcac ttagtagctg tggaggaaga tgcagagtca gaagatgaag aggaggagga    120
tgtgaaactc ttaagtatat ctggaaagcg gtctgcccct ggaggtggta gcaaggttcc    180
acagaaaaaa gtaaaacttg ctgctgatga agatgatgac gatgatgatg aagaggatga    240
tgatgaagat gatgatgatg atgattttga tgatgaggaa gctgaagaaa aagcgccagt    300
gaagaaatct atacgagata ctccagccaa aaatgcacaa aagtcaaatc agaattggaaa    360
agactcaaaa ccatcatcaa caccaagatc aaaaggacaa gaatccttca agaaacagga    420
aaaactccta aaacacccaa aaggcctagt tcttgtagaa gacattaagc anaaatgccca    480
gcnagtatag aaaaagcgca ttgacagtcc tgggcctcat gtaaattaag cccaaagatg    540
gggagaagga aaaggagaga caaatatagt ccatctgagt gtatcaccat ncagctgagt    600
ttcttttatt natcccttct tgttgacca tcctttcngt ggaacatntt ggtcctaacc    660
ttntttgntg tnngttca
                                                                    678

```

```

<210> 1650
<211> 817
<212> DNA
<213> Homo sapiens

```

<220>  
 <221> misc\_feature  
 <222> (1)...(817)  
 <223> n = A,T,C or G

<400> 1650  
 ttgnaatttc anatacanct acttggttctt ttgagcaggat cccatcgatt cgcctgatcc 60  
 tgccaacagc agttcaggcc agccccacat ggagcaagta cctgaggccc agccccttgg 120  
 ggacttgccc atcctggaag tggaggagat ggagcccccg cgggttatgg agtcctccca 180  
 gcccgcccag gccaccgccc cgttgactc tgggtgtgag aagcacttcc tgcccacacc 240  
 tgaggagctg ggccttctgg ggccccccag gccacagggt ctggcctgaa ccacacgtct 300  
 ggctgggggc tgccagccag gctagaggga tgctcatgca ggttgacccc cagtccctgga 360  
 ttagccctct tgatggatga agacactgag gactcanaga ggctgagtca cttacctgag 420  
 gacaccagc caggcagagc tgggattgaa ggaccctat agagaagggc ttggccccc 480  
 tggggaagac acggatggaa ggtggagcaa aggaaaatac atgaaattga agagtggcaa 540  
 cttgccttgc aaaatctgtt tccgttgtaa caagaacttg aattttggga cccccaagcc 600  
 ncaattgggg cttnacgncc ttggtaaatt ccccaaacia cttttttggc cangggcccc 660  
 aaangggtn gggaaagggg aatcaacntt taanaaggcc ttttggngaa gttttttggn 720  
 aaaaaaccaa gccccttggg gggccaaatt ntttnnccca agggaaaccc ccttttaaat 780  
 tttccaaaaa aaatttaaaa aaccnntttt caaaana 817

<210> 1651  
 <211> 718  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(718)  
 <223> n = A,T,C or G

<400> 1651  
 gaaattcana tacanctatt gttctttttg caggatccca tcgattcgaa ttcggcacga 60  
 ggtgactcca agccccgctc ctgcagcgag agggccctga cgctcttcca caccgttcag 120  
 tcaacagaga aacaggaaca aaggaacagc atcatcaact ccagtttggga atctgtctca 180  
 tcaaattcaa acagcatcct taattccagc agcagcttac agcccaacat gaactccagt 240  
 gacccagacc tggctgtggt caaaccaccc cggcccaact cactcccccc gaatccaagc 300  
 ccaacttcac cctctcgc atcttgcccc atgttctcgg cgccatccag ccctatgccc 360  
 acctcatcca cgtccagcga ctcatcccc gtcagggtctg ttgcagggtt tgtttggttt 420  
 tctgttgctg cgttggttct ctcatgggt cggctctctc ttcattgcagt gttcagcctc 480  
 ctctgaact ttgttccctg ccatccaaac ctgcacttgc tttttgacag gccagaagaa 540  
 gcggtacatg aagactccac acaccgttcc ggaaggcaaa agccttgat gcctgcaaag 600  
 cttgaacatg actcaaaact ttcgttcaca gcaggcacgg tcttcgataa tgcagaagtg 660  
 gtccttcagc ttncaacagc catTTTTTnac tggcacaccg gaancttccg gggcacct 718

<210> 1652  
 <211> 709  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(709)  
 <223> n = A,T,C or G

<400> 1652

```

canatacagc tcttgttctt tttgcaggat ccttcgattc gaattcggca cgagtcaggc      60
tgaggaggac ttcagttngc atgggtgggg agaaccagta ccacataccc agtaggtaat      120
aaggtgtcca gcagaggatg aaggtcagca agataagcag ggccagtctc agggcccgga      180
gacgaacacg gggacaattg tcaaaggagc gggggagggg aaattnacca gcaggggcta      240
ggaatttaga aaatatactg taattcagac actcagcttc tgatctgagt atagggtgaa      300
ttgatggagg ggcatagcta gtgagacaga gctcgcctcc tacaaggagg agaatgttgc      360
aaacggtttt ccccttccca acctgggact atatgatttc ttacccccag ggattatgat      420
agaaatatga agccaccaag tctagacttg atggtgttca agaataaata atactgattg      480
cctccctagt ccttgtccag ctaactcagc tgtttataat tgaagggtt caacaaaatt      540
atctctagca tcagggtgcta gacatggtta gaatctcacc atggtttant gactggtaga      600
tagctattan gtanggtagg ataaaaataa tgatgctaga ggcaacaggt ctanggttaa      660
ggattaaggc cttggaaatt ggaatctca ccatggctcc ccttccttg      709

```

<210> 1653

<211> 1595

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1595)

<223> n = A,T,C or G

<400> 1653

```

gntttaaaaa ggaaaaaangg atgannagga nggttantnt ncgatnggan gnnntnacgn      60
anaattcgga cnttgtcnng atancgnnnc ntntcgtntg tcacnnnntn atatgatntc      120
tngecgntgt gaggggtctc nagentcgn accnnntggt actgaganng agancncnca      180
ntagaagagt acgccnatat ctgggngacg gntnccagct gncnnntttt ggnaaaangc      240
ccttcagtg ccaanagcntn ttcnatcntn atatinctac nctcagannn atngncctga      300
nanagnnann nncatnntgg anatgcnnn ggncatatnt gntnntnaga gnanncagtt      360
ngnngnncnn nntggangat nngnttgann tnatnatcag cntnnacctn tntnnnccgt      420
gngaatatnc tngntncngn gnttnagggn ttgengtneg gnttgencag gantnttgan      480
nnntnecgtnc ncnntcnnn nangtnctng ncngnntagt gacngantna angaggtent      540
nngnntcnnt ntngnnnngn tttnnagnata nngcgcacga nnnnctgtng nngnnnnncnc      600
ntnnntcanc tnnnnaaacc ntanactgga tangtantnn cgnannnnntn cntntgtata      660
tntntcnng tatnttcgcc ncacatntga gctatnatna tagatcnnnn atcgcanngn      720
ncatatgnac gnatnggagt cngcagctgc acanggagga cacngtgtnt nanagtgnnta      780
tatnagagca natgnnacnc nnnnannctc acgnaatann atgtggcacn gtagattcat      840
gctanagagc ncgngngcng nacagcntnn atgatannag nttgttagcg atcnatnnan      900
ttngatncac annnnctnnn tcgttntnnn nncagttnc acgcgtgagc anagtagagn      960
acnttgnann ncgaatgnnt nctgtatcgc acgnncttgc gtacacantn tnnanacngn      1020
cnattatntg cgnnccncgc tgcncgcgct nacnnctnan atcgcntttg acgcnnagta      1080
tgattgnatg gcgntgcngc tgnnanncgn atnttggacg natntgtgnc gttntnecgn      1140
cannnnecgnt ctntggnttt agaganacgt gtntcactgn ntagnagagg ncgnttgna      1200
cggtnacagt ntctgngata gantgaanga gtagatgcan cnganaaggg tgtcnctagt      1260
ncacgcgnt nacntcnntt gtngaagac ntcactctnga tatggcncgg ngccgatatg      1320
actnactcgc tacangtgte tngatttneg nntgacgagn ntcgcgngag cntactcant      1380
gnctntatgg ngcgnncgna tatnnctatn nnttgnntagt cngtccatca ntntncaanc      1440
gattagtcgn cagntnncc gcattacgat gatgaccnna cgataggat ngctctnngt      1500
ctnatcnac antnanganc tattnnatna gaancatggn aannttgggt actatcgnat      1560
angtctnnan ctatnaaggt tatcgaacac nageg      1595

```

<210> 1654

<211> 776

<212> DNA

<213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(776)  
 <223> n = A,T,C or G

<400> 1654

tttcanatac anctcttggt ctttttgacg gatcccatcg attcgaattc ggcacgaggt	60
caccaacttg aaaccagcaa ccatcaaggt ctatgactac tacctaccag atgaacaggc	120
aacaattcag tattctgac cctgtgaatg aggataggag ctggaaactc aattagtcc	180
ctgtgacatt actggagggt ggaacattct tctgtcgctt gaagcagaac tcattcaatc	240
aaataattta atttctctga ctagtatatg ggtaacaaat gaatatgtct gaacctcagc	300
tataatactt tctactacct ttgcaaggag atgggatagg aacaatcact cagaggaggc	360
gttgcacgga cagggtcatt agggggaaga aaggnggggt aactgggtta ttttaaccatt	420
cagggggctc tncaaanang anaccgtggt aganggtgac tanaaaagat aagaatgtct	480
ttcttagggc cgggtgcccg tngctcacc cttggtaattc ccancacttt tgggaattgc	540
naagggtggg ccggaatcan tttganggtc aagggaagtt caaaaanaacc aagccttgcc	600
caacaattg ggaaaaaacc cccgtctttt ttcttaacct aatttccaaa aaaatcttnc	660
cccttggttg ttgggtnggc aaccggggcc ctnttaattc ccaacccccc tttgggaaan	720
gggcnnaagg caagggaaaa aatccncctt tnaacacttg gaagggtgga aggggt	776

<210> 1655  
 <211> 762  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(762)  
 <223> n = A,T,C or G

<400> 1655

gnnnnttnt ttgattgntc tngctcttgt tctttntgca ggatcccatc gattcgaatt	60
cggcacgagg tcaccaactt gaaaccagca accatcaagg tctatgacta ctacctacca	120
gatgaacagg caacaattca gtattctgat ccctgtgaat gaggatagga gctggaaact	180
caattagtcc tctgtgacat tactggaggg tggaaacttc ttctgtcgct tgaagcagaa	240
ctcattcaat caaataattt aatttctctg actagtatat gggtaacaaa tgaatatgtc	300
tgaacctcag ctataatact ttctactacc ttgcaagga gatgggatag gaacaatcac	360
tcagaggagg cgttgcacat acagggtcat agggggaaga aagggtggtt agctgtttta	420
tttagccatt cagggggctc tccagagagg agacggtggt agagggtgaa ctagagaaga	480
taagaatgtc ttccataggc ggatgcggtg gctcacgcct gtaatccag cactttggga	540
ttgagagggt ggcggatcac ttgaggtcag gacttcaaga ccagcctggc caacatggta	600
aaacccgtct ctactaacia tacaaaaatt agcctggtgt ggtggcacgg gcctgtaatc	660
gcaacccctt ggaaggccaa ggcaggagaa tcgcctnaac actggagggt gangttgcag	720
tgaacctgag aatgngccac tgnacttcan cctgggcaat gg	762

<210> 1656  
 <211> 703  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(703)  
 <223> n = A,T,C or G

<400> 1656

```

ttcanataca nctacttggt ctttttgag gatccatcg attcgaattc ggcacgaggt      60
tggcttcccc gggagaggag tatgaggatt aaaaatattc agaaacaaac aaaagaacac    120
aaaaatgcaa acacatggta gggaattact actgcttatt ctcaacagta ccacagaacc    180
agtgtttgag tgctggcacc atatgcaaca tggggcatcc gggctggagt gatccagttt    240
tttagttggt ggtggcgatg atttttcttt ccttttggtt tataattttc tgttcatttt    300
tccccctttc tccccacat tcattaagaa ccctactgaa accctagggtg acaaaagggtg    360
tgccttctgt tgccacattt gaccaccacac aggactcact ggactggact tctattttata    420
ttgtattaag taactgatat atatatatat atatatatat atatatattt gattgacacc    480
aaaaaattac cttggcacia atgccagacc tgtgaaggtc agaggccgcg tgcttctccc    540
aggagggagg gaactttttg gntgtctgtg gcaattcctc tgtacagatt gtaacttttt    600
aaaaatttcc cttcaccccg tcacttgaat atatgttcat agtaaatttg taaganactt    660
cttttcctta ttttggtgca agaaccttcc gacacattct gtt                        703

```

&lt;210&gt; 1657

&lt;211&gt; 858

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(858)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1657

```

atncanatac aactacttgt tctttttgca ggnatcccat cgattcggtt cagtgtctggc      60
atgttgacct ggtgttgtca gtgagtctgt ggatccaggg tcagtgtgtg tatgttttagc    120
tgacattggc agtgagtcca tggatccagg ctcaagtgtg gtatgttgac ctggtgttgt      180
cagtgtgtct gtggatccag gctcagtgtc ggtatgttga cctagcattg gcactgagtc    240
tgtggattca ggctcagttg ctggtatgtt gacctgacat tagcagttag tctgtggatc    300
caggctcagt ttcacagagg tttgtataaa catggtctca ggtgggttct tgacacctgg    360
gtttcaagca caaaagtact ggctgggctt gttaggtgaa gtggggtggg gtctaccacn    420
atgaatnnca taattctgaa ggctttgcca anccctnggg gaaagggtggg gttcaaaaaca    480
caaggttgaa naaccttttc cgntgggtta ggggtccaag ancaccaaata taagggtgaa    540
nttaagtggg tngggccttc tttattattc naaagggggn aaaaggcccn gtaattncaa    600
tttgggtaaa ggggtgggtt nggtcaacct ntgggggngt tcttggccct tgggggtggn    660
atngtctctt naagggggaa aacccccctt anaaaggaat tccangcctt nnggggnant    720
aaggggtaaa tccttngttc cctcaagnca accnccttgg gttccnaggg tctntngant    780
aagaaccang aaacttccag gggttnaaat aacaaaaagg gggcttntaa nggaatcttg    840
gttnaaccct aagncctt

```

&lt;210&gt; 1658

&lt;211&gt; 704

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(704)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1658

```

ttgaatcccn natacaagct cttgttcttt ttgcaggatc cctcgattcg caccactctt      60
gtgcagtcac cctaaatata ggttcagagc atctcctgtg aatgacatat tttgtcaatc    120
actgccagga tctccattta agccctcac cctgaggcag ctggagcagc aggaagaaat    180
actaaggggt ccttttagga gaaataaaga ggggtgctgg tgggtggaat atgaattctg    240
ctatggcaaa catgtacatc aataccatga ggacaaggat agtgggaaaa cctctgtggt    300

```

```

tgtcgggaca tggaaaccaag aagagcatat tgaatgggct aagaagaata ctgctagagc 360
ttatcatctt caagacgatg gtaccagac agtcaggatg gtgtcacatt tttatggaaa 420
tggagatatt tgtgatataa ctgacaaacc aagacagggtg actgtaaaac taaagtgcaa 480
agaatcagat tcacctcatg ctggtactgt atatatgcta gagcctcact cctgtcaata 540
tattcttggg gttgaatctc cagtgatctg taaaatctta gatcnagcca gattgaaaat 600
gggctttctt tctcttcccc aactaaaagg atattaaagt tagggggaaa gaaaaaanca 660
tttgaagtca tgattaatth ctgtcccact gngtctcatn ataa 704

```

&lt;210&gt; 1659

&lt;211&gt; 700

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(700)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1659

```

ttgnantccc natacaagct acttgttctt tttgcaggat cccatcgatt cgcagaaatc 60
agcatgcatg aattaatcga aatacaatgc atattaaaca atgcaattac tatagtctaa 120
atcaccaaac tgataaccca taaaaaagta gctcttacia ctttttttga gaatatttcc 180
cctaaaaaat tccagtgtac atcccaacct acaaaactag attattttac tagtatcatc 240
ttctctttac cctcttctc cccaccaaca ctccctccaa cacacacaca cttctcctta 300
agagaaacgg ctctctcaag aaattatctg atggttcagt agcagttgga gttttacaca 360
aactatgttg tgattgggca aggcagacta ccagatctgg gattcagtag accattcctt 420
actgtcagat tatcttctaa gtgactgtc ttagagaaaac aacacagatt tgcctcaaga 480
gattacaaat gtggtaggcc taccttaaca gcaactagtt ttttttaaga aacacggtcg 540
cactgtcgcc caggcaggaa cacaatggca tgattatgct cactgcacct caaactncta 600
agttcaagtg atccttctgc ctgagctnct ggaaatagtc aaactatagg catatgccac 660
catacccaag ctaggttttt cggttttttt gtttttttaa 700

```

&lt;210&gt; 1660

&lt;211&gt; 697

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(697)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1660

```

gaattcanat acaagctact tgttcttttt gcaggatccc atcgattcga attcggcacg 60
agaaaagaaa acgagaccaa gtaataaagc agaaggaga agaagcacag aagaagaaat 120
ctgacttgga aatagagcta taaaacggc agcagaagtt ggagcagctt gaacttgaga 180
agcagaaatt gcaagaagag caagaaaatg cccccagtt tgtgaagggtg aaaggcaatc 240
tcaggagaac aggccaagaa gtcgccaag cccaggagtc ctaggctgag gctgcaccaa 300
gacctcgtgt gtcacccac agagctgtct gtgggtgcct tctcaatctc agggcaaaag 360
cccctggaga atattccagc cagcagagaa ttttgacttg cagtaggatt tggtttgatt 420
ttcctacgat ctgggtggat gccttgccgt tgacagttgc agttcctatt cgccaaatga 480
agggcagtg cccgcacgta agttggaatg atggacctgt gttcagagac ttaacagacc 540
aacaagcaaa acaagtgaga acaggaaaaa ggaagangac actggaatca attcttgaga 600
gttgcactac ttggtttttc ttccattcca agtttcgttg gacccaganc cttttttctt 660
ttaaagcta aaaaaacaag tgtttaattc ctctttt 697

```

<210> 1661  
 <211> 698  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(698)  
 <223> n = A,T,C or G

<400> 1661  
 ttgantncat atacaagcta cttgttcttt ttgcaggatc ccatcgattc gaattcggca 60  
 cgaggcacc agccggcttc atctcttctt gaaatcactt ttataccatt ctatgtgggt 120  
 ctccaccatga gcttgagtgg tgggctaaag tgctctctcc tgctttcagc ttcctgctgg 180  
 gaactcactc tctcaagttc cttccagcac caccatag agttcccatc actccacact 240  
 gtccagtgc aactcccaac atggaagatc tgctagtctt acaggggtgc ctctggctgc 300  
 cccagtaaca tgtgttttta aatttttcac atgcatgttt gaccccgact cccgaagtc 360  
 aggtactgt actagcagtg tcatttaaga aaaagccctt taacctctct ttgccaagg 420  
 attcttatca gcaaaacagt gatgaaacaa caatcccata acagctagct ggctaccttc 480  
 tcaagcactt attaaatgag gcataatgat tttgcttaat cctcaatcct gagagggtgg 540  
 cgatccctgt ggtgatgagg aaaccgaggc ttgggggtta atggcttgcc tagattcaca 600  
 ctgctagcca aggaatgaac tgggaattta caccctgacc ctgactgctt ttcacatttt 660  
 ctacacagcc ttttcaagat cctgcccaatt ctaaaaat 698

<210> 1662  
 <211> 705  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(705)  
 <223> n = A,T,C or G

<400> 1662  
 ttcanataca agctacttgt tctttttgca gggatcccat cgattcgaat tcggcacgag 60  
 ccgactagta acataaatca tagcttccaa agtatttggt tacagaatac cacagtgact 120  
 aattaccaga cttttcttat tctctctgag caaaggaacc tcatgggaga aaaaaaatat 180  
 aggtcatttt taatgtaagg gagttgctag gattggaggt taagacaact atttaaactt 240  
 cataaaagga aaaacaaaag acctcaaaaa gtattttcta aaatagagaa aggtgcaaact 300  
 cttcttatca gaaacgcatt ataaatagaa aagaaactct taaaagagat tcttcaaactg 360  
 tgacaaaaag ctcttggttt cctgaaaatg tcaaaaacaa aaacaaatat tgacaataact 420  
 aaatatccaa cagacagggg aagaacttca cttagaagca aatttccatt taggtaattt 480  
 atgggtgctt tgtgcaaaaa gttgctttac actgtgtagt cgctgaagac actccagaat 540  
 tgctagacct tcacaggaaa aatttttaaag gtcaggggtt ttttttctt tcccttagtt 600  
 agcacagcca ctcanngggc agccagttct ctaacgtctg agtaaaaccc ctacacangg 660  
 gcttcatttc cagtgccac gtcattggct tttgcagact atctt 705

<210> 1663  
 <211> 698  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(698)

<223> n = A,T,C or G

<400> 1663

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attcanatac aagctacttg ttctttttgc aggateccat cgattcgaat tcggcacgag      60
atttcccttt gccctgccac ttccaccata gggccttctt acctggcaga ggagtgcctt      120
agataccaga agattggcag ggaagaaggg cagccacttc ctggttacca tggagaagct      180
tgtcatgctc caagcctgtg cttacttgtc cagtagcaac aatgggaaac tgtattattt      240
ggggtagggg tagaaccttg agggcataaa gctaagaatt ccaggctgca tctggcagaa      300
tcggtttggc aggggttcag ctgctccctg ggaggccttg gcatagccag gctgctccag      360
cactgtgagc tgggagtctc ctcttgcaag agatgggtgt gaacctgaca cgcagcaaca      420
aggagacggt gaagcacagc gacgtcctgt ttctggctgt gaagccacat atcatccctt      480
tcatcctgga tgagattggg gccgacgtgc aagccagaca catcgtggtc tctgtgcn      540
ctggtgtcac catcagctct gtggaagaag aagcttgatg gcattccagc cagcccccac      600
agtgattcgc ttgcattgac caacacacct gtnggtagtg caaggaaggc gcttcagtgt      660
accccacggg caccatgcc ctggtgggan gatgggcn      698

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<210> 1664

<211> 760

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(760)

<223> n = A,T,C or G

<400> 1664

```

ttgaaatnca nanacaagct acttgttctt ttgacaggga tcccatcgat tcgaattcgg      60
cacgagcttg tgttttctta actccccag taatagacct aactgatttt gttttgagaa      120
gttcggtatt agcttaagtt ttgttctgtt tatagaatat caaatggga tcaaaactgt      180
ttaaaaggtc aatgtacatc tgtacagag ctttttactc ttttcttctt cttctttctc      240
tttgtgtata tacattgttt atagtgtat tcagtataca tgaaattttg tgtctttttt      300
actcctctct gtataaactt tctgtgctgc aacaatgtaa attacattca ggttgtttcc      360
agtttttttt ttactctgct gtagcgaaca aaaaaacaaa aattagccag gcgttatgcc      420
atgtgcctgt taatcccagg tacttgggag gctgaggcgg gtggatcatg aggtcaggag      480
acaagaccat tctggctaac acnggtgaaa ccccgctctc actnaaaaat acaaaaacca      540
aaattttagc cgggntatg ggtggggggg gccaccttnt tagnccecca ncttacctca      600
aggaanggct tgaagggccg gggaanaaat ggggcattga aacccccggg gaccgttggg      660
aanccttggc caaatgggaag cccgaanaaa tccgcgnccc acntggcacc ttcccaagcc      720
ctggaaccga acaggaaatg gaaaacctgg cantctttca      760

```

<210> 1665

<211> 689

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(689)

<223> n = A,T,C or G

<400> 1665

```

attcanatac agctacttgt tctttttgca ggatccctcg attcgaattc ggcacgagct      60
gttactgtgc acacaatcac agtgtcttga tagtttttct ggttttgaat ttctggaagg      120
gaaatcctcc ttctgaggag acttcacttt ccgtcagtaa tggggaaaac tgtttcctc      180
gggtagcag aggtcatttt aaaagagaac actcagcaga aatgaaaatc caaacaactg      240

```



```

atttttaatt cgtgtctctt tgttcagtga tgttggtcct gattctgcct atgagacggg 300
aataaagaga gatttcggga aaagtgtgaa gccaaacatg ggtgctatth aaataccacc 360
ctcataatth gaaaaactta cctactgggg actgtgctca ctacctgggt gacaggatca 420
tacgtacccc aaacctcaac atcacacagt atactcagct aacaaacctg cccatgtgth 480
tcctgaatct aaaataaaaa tcgaaataat ttttttaaaa aagaaaaaga caatagtatt 540
acccatggga caaaatttgt actattagca agaatacatt tgtgtctcat tttagaaaca 600
tttggaactt tgttccagt tttaaactth gacaaaaatg gttttgaata gatctttata 660
acctggatgc cataaatacc aagattctc 689

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```

<210> 1666
<211> 686
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (686)
<223> n = A,T,C or G

```

```

<400> 1666
tacnatacan ctacttgthc tttttgcagg atcccatcga ttcgaattcg gcacgagtat 60
aagattactt tcatgttgga tagtgctgct atgataacag tacatactcc aaggagagga 120
ttaatagacg taaagcctct tgggtgttata tggggaaagt tttcggagth ttacagcaag 180
aaaaacacca ttatgtttga tgacataggg agaaatthtc taatgaacct acagaatgga 240
ctaaagataa ggcctthtat gaaagcgcac ctaaatcgtg ataaagacaa agaactthta 300
aaattaactc agtacctcaa ggagatagca aaattagatg actthtttga tctaaatcac 360
aaatattggg aaagatatct ctcaaagaag caaggacagt agttacaagt tatactggca 420
gttattgaag atacttaaga tccaagaact tcttgcttht atgctagaaa tcattatgat 480
agtgtctggac actgaagcaa ataccatact gcttatactt ggtcttccag ttttttgtaa 540
atttaattht atattthttg aagatgatag caatatgcta aaaaatgctt gtcccctata 600
tgaatattct gttacgcttg gaaaaatatt ttctncagcg ttgggttact gaccacccca 660
ccttccacca cacacacaca cacact 686

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```

<210> 1667
<211> 684
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (684)
<223> n = A,T,C or G

```

```

<400> 1667
canatacaac tacttgttct ttttgcagga tcccatcgat tcgaattcgg cacgaggcac 60
tgtcatgtct ctagtctggga aatacacatt gaacaactgg ttggcaacgg taacgttggg 120
ccaggcgggc atgcacgcaa catactacca caaagccagt gaccagctgc aggtgggtgt 180
ggagthttgag gccagcacia ggatgcagga caccagcgtc tccttcgggt accagctgga 240
cctgcccagg gccaacctcc tcttcaaagg ctctgtggat agcaactgga tcgtgggtgc 300
cacgtggag aagaagctcc caccctgcc cctgacactg gcccttgggg ccttctgaa 360
tcaccgcaag aacaagthtc agtgtgctt tggcctcacc atcggctgag cctcctggc 420
ccccgccttc cagcccttc cgattccacc tccacctcca cctccccctg ccacagaggg 480
gagacctgag cccccctccc tcccctcccc ccttgggggt cgggggggga cattggaaag 540
gagggacccc gccaccccag cagctgagga ggggattctg gaactgaatg gcgcttcggg 600
attctgagta gcagggggca gcatgcccac gggcctgggg tccccgggag ggattccgga 660
attgaggggc acgcaggaat ctgg 684

```

<210> 1668  
 <211> 696  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(696)  
 <223> n = A,T,C or G

<400> 1668  
 canatacaag ctacttggtc tttttgcagg atcccatcga ttcgaattcg gcacgagcag 60  
 caactcagga ggctgaggaa ggagaatcac ttgaacccgg gaggtggagg ttgcagtggag 120  
 ccgagatcgc cccactgtac tccagcctgg gtgacagagc aagactctgt ctcaaaaaaa 180  
 aaaaaaatgc cactggagag ctttgaggag aggatcagtc tggctactgg gttgggaatt 240  
 aatcatagca ggcaaaaggca aaagaagtga ggtagttag gaggctttac aacaacccag 300  
 atgagagatg ggaggtttta gccagggaga tggagatggt gagagagtag ctggactcag 360  
 gattgtgaca gtggactgaa ggaaaagcag gttttggggg aagattgcat ttctcccttc 420  
 aacttcagtt acgtagatca cccatatgcc acacaactgc aactctgtaa cagccaattt 480  
 ttgcttctct ccttatctaa gccatcctgt aggccatagg aattaaaact aggttggatc 540  
 aaggaaaaagt gaatgctaga tccatacaaa actatattgga tatttgccct tgtattttat 600  
 tggttttgaa attatttttt aatgggttca ataaaactct tactngaact tncaaaaaaa 660  
 aaaaaaaaaa aaaaaaaact tcgagcctnt tananc 696

<210> 1669  
 <211> 856  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(856)  
 <223> n = A,T,C or G

<400> 1669  
 tnattnnnnn aactnttggt ctttttgcag gaccctcgat tcgagagcca caagctgcac 60  
 tgtgaacctg ggcactccgc gccgatgccca ccggcctgtg ggtctctgaa gggaccccc 120  
 ccaatcggac tgccaaatcc tccgggtttgc cccgggatat tatagaaaat tatttgtatg 180  
 aataatgaaa ataaaacaca cctcgtggca nanaaaanan nnnnnnnnnn nnnnnnnnnn 240  
 nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn cctcgcctt taaaactata gngagtctn 300  
 ttacgtaaat ccaaacatga taanatncat tgatgagttt ggacaaaacca caactagaat 360  
 gcagngaaaa aaatgcttta tttggnaaat ttgggagcta ttgctttatt tagnaaccatt 420  
 ataagntgca ataaacaagt taacaacaac aattgcnttc attttatgtt tcagggttcag 480  
 ggggaggtgt ggaaggtttt tnaattcgng gccgcggcnc caatgcattg ggcccggtn 540  
 ccactttttt ttccctttta tgaggggttaa tttgcncccc ttgggcgnaa tcatgggnca 600  
 taactgtttc ctggggngaa aatttgttnt tccccttcan aatttcccc aaaaaanaat 660  
 accnaaaccc ggggaaacct tnaaaagtgg taaaaanccc tggggggggg ncccttaaat 720  
 ggagngggaa ncctnaacct cnacaattta aatttggggg tttgggccct tnaaattggn 780  
 ccccgttttt tccnanancn ggggaaaaaa cccttttttn gggnccecaa ntttggannt 840  
 tnaaaannaa atccgn 856

<210> 1670  
 <211> 802  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(802)  
 <223> n = A,T,C or G

<400> 1670

gcntttgaat	ncatatacaa	gctacttggt	ctttttgcag	gatcccatc	ngattcgtct	60
tggcccatgt	gggtgaaact	tctgctttta	ctaaaattgc	aaaaattanc	cggtgttggt	120
ggcacatgac	tgtatcccac	tactcaggag	actgagcagg	agaatcactc	aacctgggag	180
gtggagggtg	tagtgagctg	agatcgggcc	attgcactcc	agcctagcta	cagagcgaaa	240
gtgtctcaaa	aaataaatac	ataaatagag	acgggtctct	actgtgttgc	ccagactggt	300
ctcaaatttc	tggactcaaa	gtagtctct	aacctcgctc	tcccaaagta	ctgggattac	360
agtcatgggc	cactgcaccc	ggcctatatt	cactgtagtt	atttaaaaaat	ataagccggg	420
catggtgtct	cacgcctgta	atcccagcac	tttgggaggc	caangcgggc	aaatcacctg	480
aggctcgggag	tttganacca	gcctggccaa	catggtgcaa	ccccgtcttt	tacaaaaaaa	540
tacaaaaaat	tacccagccg	tggtggcgtg	cnctgtaat	tccaagcttc	cccaagaagg	600
cttgangcag	gaaaaatcgc	ttggaacccc	ggtgggcaaa	aagcttgcna	nttancccaa	660
naattacgcc	ccacttgcac	ttccaancct	taaggtggac	aanaancaan	gaactnnttt	720
tcaaaaaaaa	aaaaaaaaaa	aaaaaactnc	gnngcccttt	taaaaattat	tnggggnagg	780
nngnattnac	cttnanatcc	cg				802

<210> 1671  
 <211> 988  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(988)  
 <223> n = A,T,C or G

<400> 1671

tttgnannnn	nnagggnntg	gateccttgc	aggacccatc	nntnccggcn	nattancctn	60
cntggtgctt	tctgtgnget	ttcnggttcn	cgnancctcg	cttttttgna	tgccnngggn	120
tgggcctgcc	ccngagggcc	nacngnnatn	nggncncnat	ttatttnttg	nnnancant	180
atcttgnncc	nacagntgct	ttacagtct	atntnttctg	cgcnnngngc	gtatnagcnn	240
cncttnttac	cnggggantt	netcnnccnc	nnntnttgt	ttentntntn	ttccccnnt	300
tggggggaag	ananggggnn	gcnnncaaag	gnntngtnac	nacaagnnct	tgnactcccg	360
tacnnacggg	gaccgcccc	gttgggaaga	ccttttncnn	nnnccgataa	naggctncnn	420
ctggatcggt	tactctcctn	gtcncacttg	ncgntcaca	ccgtcattgg	gcntgttggg	480
tcacctnctn	naacgancca	taaananaaa	cccccgggg	nnnnaatacc	tgctngngna	540
tngtangnnt	cncagcncnt	ttaacntncc	ntctgaagga	angattnaag	ggancgggca	600
atccttgttn	agngggnttn	ntngccttgg	ggggcaancc	aagggccacc	ttgntntnnt	660
tccttcaccg	ccnttggggc	cnntttccga	atggccgggn	ngtngggntc	nggatncntc	720
ccnangcttg	gnctagncat	taanncccan	ccccancnng	ntgccccntn	tntaancata	780
ntcncnttc	ttganngggg	annnttgctt	tanctangcc	tnnnnccccg	tannagtctc	840
aaacnntnat	gangnaaacc	tcggtagttn	aanctngtgn	gttntctctc	cttngngtgc	900
cantcngggg	annntccatc	angtcgctgt	nntcnnnant	acttgnaana	ngggnatggg	960
ttcaanttna	gggangccaa	nngtnann				988

<210> 1672  
 <211> 801  
 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1)...(801)  
 <223> n = A,T,C or G

<400> 1672

gttgantaca aatacaagct acttgttctt tttgcaggat cccatcgatt cgaattcggc	60
acgaggtgac ttccaagccc cccgtcctgg cagcgaggag ggccctggac gctctttcca	120
caccggtcaa gtcaacaaga gaaaacaggg aancaaaagg aacaggcatc atcaaaactcc	180
agtttggaat tctgtcttca tcaaaatcca aacaggcatc cttaattcca gcagcaagct	240
tacagcccaa catgaactcc agtgacccag acctggctgt ggtcaaacc acccgggcca	300
actcactccc cccgaatcca agcccaactt caccctcttc gccatcttgg cccatgttct	360
cggcgccatc cagccctatg cccacctcat ccacgtccag cgactcatcc cccgtcaggt	420
ctgttgacag gtttgtttgg ttttctgttg ctgcggtgt tctctcattg gctcggctct	480
ctcttcatgc agtggttcagc ctctctgtca actttgttcc ctgccatcca aacctgcact	540
tgttttttga caggccagaa gaagcggtag atgaagactc cagcacaccg ttccggaagg	600
caaaaagcct tgtattgcct gcaaaagctg aacatgactt aanaactttc gttcacaagc	660
aggcaccggt cttcgataat gcaagaagtg gtcttccaag ctttncaaaa ggccattctt	720
taactggcca caaccgnaag ctttcngggc acctttcaac ctttttaaac ttggggcact	780
tttccactgg ggccggnctg g	801

<210> 1673  
 <211> 1207  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1207)  
 <223> n = A,T,C or G

<400> 1673

ttgaanctn anctcttgtt ctttttgcag gaccctcgat tcgaattcgg cacgagtcag	60
gctgggaggg gcttcttttt tttgggtggg gagaaccant nccacatacc cagtaggtaa	120
taaggtgtcc tgcnnnnggt gaangtcngc nagntaannn ggggccgtct cnggggcccg	180
gngacgaaca cgggggnccn tttgtttnnn gggggngggg gggggnggna nttnnancnn	240
ncnggggggt tngggaattt tanaaaaaat attacttggg nttttcaana acacttcag	300
cctttcttgg atcctggaag ttattaaggg ntngnaaatt tnggattggg nanggggggc	360
cantangccc ttanggtngn aagaaacaag gaagccttcg gcccntttcc cttacccaan	420
gggggaaggg gaannaaaat ggggttngcc caaaaaaccc ccggtttttt tttccccccc	480
tttttncccc caaaaancccc ttggggggga ancettaatt tanttggaat ttttttctt	540
ttttaanccc ccccccccca anggggggaa attttaantt gnaatattan gganaaaaaa	600
nttaanttgg gnaaaaggcc cccccaaccc cccaaaaagg ttncctttaa agaaaaacct	660
tttgggnaat tngggggtng ggttttttcc naaaagngaa aaantttaaa aaannttcaa	720
attttaccce ttgggaaatt ttgggcccc tttccccccc tttaaagggt nccccnttt	780
ggggtncccc caaagncnt ttnaaacctt tcnaaaagnc cttnggggtnt tttaaattaa	840
aaaattttgg gaaaaagggg gggaantttt ccaaaaacccn aaaaaaatt ttanttcntt	900
cnttnaancc canttccaag ggggtggcent taagnaacca attggggntt aaggaaaatc	960
cttccacccc attgggtttt taaatnggac ttgggttaag aataagcctt antttaaggt	1020
gagggtaggg aataaaatna aaatggaatg cctaanaagg ccaaccangg tctaagggtt	1080
taaagggatt naaggnctgg ggnaatttga atctcaccat ggcttccctt nctttncttg	1140
gggcctggac cactgangac aatgcggcta tacaanaagg ccatggcngt cantngccac	1200
aaaaaag	1207

<210> 1674  
 <211> 1006  
 <212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1006)

<223> n = A,T,C or G

<400> 1674

gtttgactnc	cgtatacaag	ctacttggtc	tttttgagc	atcccatcga	ttcgattgtg	60
cacctctaac	ccctcttcta	gcacccttaa	ttgataccat	tcaagtgcc	ataattcttc	120
caaaccagg	gtgagggact	tttgaatttg	ctgagaaatg	aaattctgca	tatctttgct	180
tgctactaat	gcctgtctgc	tctctgcctc	accttcttgt	ccattgggtat	atgtttggca	240
ctctgagagt	atcagcatca	attcattcat	atctccaata	ctcttccatt	aagtctcagg	300
ttgcttgcca	gcacagacaa	ggtactgccc	aaagaagttc	tttggnaaac	agncaagatn	360
tttactatac	cacnaanaac	cttaacattc	ttntttntga	ancttattaa	caanttttna	420
aaatttan	ancnntttnt	nntnttcttn	ccnagnngn	cctttttntn	tatnntnnnt	480
tttctnnttt	tatnttntnt	ntncatcttc	cnnttttnnt	cntannntat	ctannnttca	540
ttctctcttc	nccttttntn	tnntnnttnn	tnatctnnnt	ncnattncnn	ttntannnnnt	600
ctcttttacn	ntnntttnn	ncctctntct	nnantanncn	ccnnntatct	ncnannnnnn	660
ccctntnnnt	ntntnttntn	ttctctctat	naennnanna	tctntctctt	ctcccnntng	720
ntacanttnc	cccctnnacc	ncctntntct	tttacnccn	annaaannan	aaacctctac	780
cttgcgggng	ggatggacca	ctatccctcn	ngngnttttn	ttttaataac	caacancctn	840
ttttgggtccc	ncntttnnan	aaagggggac	ncaagnnaat	nncctttcca	aaaancctca	900
aatttggggn	aatnggnctt	tntcncattt	ccttttttta	aaaaaaaaac	anaaaaaccc	960
nttttggggt	ctctntttnt	gtaaaaaaaa	ccccanccc	cangcc		1006

<210> 1675

<211> 1078

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1078)

<223> n = A,T,C or G

<400> 1675

tnnnnnncnn	nntnnnnnnn	tnnnatcnnn	ntnnnnnnan	nnnnnnncacn	nannnnnnnag	60
ggngnggccc	ntttggannt	gnnacctttt	gnactcntgc	agnncccagn	aancgaannt	120
gngacgaggc	nctntctc	accagcgccg	gagnttgc	tgaacttttt	naaccgggtg	180
actgncatgc	atgaagagcc	cctgcccaca	catttcncc	tcntttatgg	atgccngcca	240
gggntnggag	catggctggg	gaaggngctg	gccncccn	cntgtncagn	tactacagtc	300
nnggatcagn	annaacntgg	ntgtgntngg	agcagcanta	canaanaanc	ctggacctgc	360
acactaatgc	cntgcacaa	cnttcttggg	anaaaaacnc	tgcttgnggg	aagncaanag	420
gacnntnngc	tctntcttac	ttttgcagcc	tnncttgccg	ggggcacaga	atttggcctn	480
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ctaaagcaan	atatatacnc	gggngt	ngggnatatt	tccaantaag	taanccccc	660
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accattggtc	acttgnggna	tgggggncaa	ntccccctan	gggctttatc	ttnangnggc	780
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agttgtcccc	ggaanttggc	nanccaggta	tngaacntt	gcactaggna	gcctatgggc	900
naaattggcc	aggnttnttc	canacgaang	gaggcnnaa	aacntttgan	ccaannnaaa	960
ttnttctttt	gggtgaagaa	ngaanangat	gancatgacg	gccttgnttg	nggggncana	1020
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<210> 1676  
 <211> 758  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (758)  
 <223> n = A,T,C or G

<400> 1676  
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 tagcttgaaa aactaaattg ctttggtgaa atgtcctgta cagaacagta ccttggcatt 180  
 cagcagctgt aattggggaa cattaaaaca gtaactgaca tccagttaaa gccacgatcg 240  
 tcagcaattc tcctttttta atttctgata tttaaagttt ttttccagtc tacaccaggc 300  
 ctctccaagg agacagttca ttatttagga gtgaatgtgt tcctcttgca atattatcag 360  
 tacctgcatg acttggtaaa ttcattttat aaaaatagtg tttttttttt taatttcagt 420  
 tcattgactc tataactgca gaaattagat aatgtttttat aaaaataaatt tgccacataa 480  
 tatgggatgc aataaccaac aaagctgcta agtgccaaac tgttatttta ctatatataa 540  
 atattaaaat attgtgttga agtataggga tgtatttaat ttactatgc tcccaacatt 600  
 aatcatggac tcttttgtaa attacagtta ttccagattt gtaaaaataa tgttggactc 660  
 atttcaaaaa aaaaaaaaaa aaaaaaaac cncngcctct aaaaactttt gggagtcgtt 720  
 tttacntaga atcnnacatg gataagaaac atttgngn 758

<210> 1677  
 <211> 779  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (779)  
 <223> n = A,T,C or G

<400> 1677  
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 gggactacac ttggtagttt tccccctttn aagaactggt nnattgaaac atttgtgggg 180  
 ttccngaatt gcctttacag ggtttttttt cttttactgg ttgctctgg ggtntttataa 240  
 tatattgntt gactggctgg tattatcgaa ctatagcaa taattatatg taaaaatggc 300  
 caagcatata aggtaaactt atataagtac cctaccttat ctgnatttca atttttttaa 360  
 actgcttttc caaatatgag actatgttaa agacactaaa aaaaaaaaaa aaaaactcga 420  
 gcctctagaa ctataggagt cgtattacgt agatccagac atgataagat acattgatga 480  
 gtttggacaa accacaacta gaatgcaggg gaaaaaaatg ctttatttgn ggaaatttgg 540  
 gatgctattg ctttatttgg aaccatttat aagcctgcaa taaacaagg taccaccan 600  
 caattgcctt tcatttttat ggtttcangg ttcaaggggg gaaggtggtt gggaaggntt 660  
 tttttaaatt tcgnggggcc gnggggggcc caatggcatt tggggccccc ggnnccecaa 720  
 ccttttnggt tcccccttta aggggagggg gttnaattgg cgcccccttn gggggtaan 779

<210> 1678  
 <211> 1079  
 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1)...(1079)  
 <223> n = A,T,C or G

<400> 1678

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ngnnnncccn	nnnttttttt	ngggaaaaac	ccctnnnnnn	nngnccnatn	ttntcgggn	180
gaacagcctc	ctntgggcan	gggnaaaccc	cccataccgt	tgngtaana	anaaaacncc	240
cnnccgggcc	aaccggcaaa	gggccaacca	accaaccaac	cggncnancc	naccatgtta	300
ccccgcaana	ttntggtaac	naggnaacnt	caaacnattt	actaccacca	ggaaccatng	360
gatgggaaca	aacctanaaa	aagcctnggg	gnacttcttn	ccnctcctg	tatnggnngg	420
aattattngt	ngggggngt	canaanaaaa	angtgctngg	ggcncaagag	gcnagnnggt	480
tganangtnn	taccnnccag	aatnggantg	ggaaatgngg	gccccctcca	aaaananann	540
cagngcatgg	cnagagacag	ccattaatgc	acgagaatac	tacctaggag	ctctgnctca	600
cangaagcgg	nggggctgna	aacagccctt	gcaggaggct	tgncctgcac	gcnantngat	660
cgcccttgac	attggtcaac	anngcccncc	ncttgtggtt	cccaggcctn	ccaacatctt	720
ctcaangcnc	tcataaggca	ctatgtgang	agctntgaga	ggnatacaa	ttnncttagg	780
ggcgggagcc	cttanannca	naantnccan	gngatggtaa	nccccattt	angtaatgnc	840
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actngnntcn	taaanccaaa	ccccncttn	gggaaaataa	ngggaaannc	cttcgggtta	960
nccnnggnan	taggtgaaaa	nanacccaac	cnggggcctn	canggnacnc	gncaacnnaa	1020
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<210> 1679  
 <211> 1035  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1035)  
 <223> n = A,T,C or G

<400> 1679

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atttttcccg	gggccaacc	cggnaagttt	aaaanggggg	gggaattttt	ttgggttggg	180
gggcccattt	anccccatt	tccaaaaagg	cccccaaaa	ccccccattt	tatttaccga	240
cccattttta	ttgggggaaa	aanggttttc	cacaaaaagg	gaaanggaaa	agaagggaag	300
aaaaaggggg	aaattggggg	gncccgnaaa	angtttttac	tttaaaattt	nggttgggnc	360
cccccaaac	ttttccccc	atatngggga	aangaaaatg	ggnctttccc	gnttttcng	420
gaagatttna	ggggnccccc	nttnggntna	nctttnacnc	cccccccgac	ncnttttttt	480
aaaattgtcc	nctctcaaag	acagtagaga	attttgaaac	aagaaaaaag	tgcttgctgt	540
tctagggacc	acatcagact	atcacatatt	ctcacagaaa	cctgtaggca	gaaggagtg	600
gagggatata	tcaaaggcca	attaactgat	ctttgcaaga	ttgcaggaat	cacacagaaa	660
aaggtagtct	tcaataactg	tggtggaaaa	actggatatc	acatgcaaaa	gaatgatag	720
ggacccttat	cttatccatn	cncannnnan	annnnnnnn	nnnnnnnnnn	nnnnnnnnnn	780
cccncctntt	aaaactntag	ngnggtccgt	ntttncgtta	gatccngccn	tgataagaat	840
nccnttgat	ggagtttggg	nccaaaccnc	accttaggaa	tgcccgtggg	aaaaaaaatg	900
gccttttntt	ttggggnaaa	attttgggga	angccttttn	ggcttttant	ttggtaaacc	960
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cantttttat	tggtt					1035

<210> 1680  
 <211> 781

<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(781)  
<223> n = A,T,C or G

<400> 1680  
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 aattaaagta gctctggtga acagcaagga agtgggatga ggaaacagaa attggcagag 180  
 tccatgattt ggtccagatt aaactgccat gagtgactgt aacaaaaatt cagaacttat 240  
 gtaactcaaa taggtatatt tgagaaatag gtcggcacag gtcaagatgt gaaagcccaa 300  
 taaagctagg cagagacttg gtaagataaa aaaaaagtgc ctcaaaatgt tcagtgcacag 360  
 tagtgccctg atacaggcag tacttaagga aaaatcagta ttttaagggaa gagctgtaaa 420  
 gggctctccag gagtgggcaa agtatgtttt taattaaaca ttttattttg agatgattgt 480  
 atattgatct gcagttgtaa agaaataata gaggttccagt gtcccttttc ctgtttttctt 540  
 ccaatggtag cattgtgcaa aactatggcc aatatcacac caggacatta atgttgatgt 600  
 agtcaatatg tagaacattt ncattcccc aaggntcccc cagtgcctgt cttttttatt 660  
 ccacaggtca ccttacccca ccctcatttc ttttaaccctn ttggcnaccc attnaatctg 720  
 gcctcccntt tcttaccaat tttggnattg ggaaataatg ggtattntca attgggaatc 780  
 n 781

<210> 1681  
<211> 756  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(756)  
<223> n = A,T,C or G

<400> 1681  
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 cccgagaaga atgggggtaa tctggatggt atagttttta gggggtgaaa tttagctggt 120  
 taaatcatag gctgttgaca tttgtgatta ctctattgct aagtttttaca tataagagtc 180  
 ttcatacttt gtttcagga cagaatgatg ctgctgaaat tggacaaga aatttttagat 240  
 ttcattggta ataagagta agtcctgaca ttcaacaaga aaagaaattg tcatcaccat 300  
 tctccttgac ttactaagtt gggttttctt gtgcttctag gtctccacgt aaaaaattcc 360  
 ccccaatgac atcttaccat aggatgctat tacacagagt agccgcttac tttggattag 420  
 accacaatgt tgatcagagt gggaagtctg tcatagtaaa caaaactagc aatacaagaa 480  
 tgtaagtgtc aagagatgta actacatatt atatatctaa ataataatac tttatctttc 540  
 tatattacct ttcattctgag ggtttcccat gttttaacag tctaattaaa gttttatgat 600  
 aaccttatgt gataggactg aaaaacacat ttagtttact gggaacccaa atgcaacagc 660  
 ctggactcaa atttggcata tgaatganga ctggggcata tngtaaaaaa aataaaaaat 720  
 nccgangaca tagtatcagt ggtggtttgg acancc 756

<210> 1682  
<211> 841  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature



&lt;222&gt; (1) ... (841)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1682

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ctntncatna	ccaggcgenn	nagttggctg	cnaactngcn	gnaccgngng	tttgnntcn	120
atgaantgcc	nncgcccaga	tncttcacct	tcctnatnga	tgcctgccna	ggactggaaac	180
ntgctcnnaa	ngtnctngnc	taccctcgcg	tnacagttt	ttacngncat	gacccaaagt	240
acattgatgn	ggtngagnac	tnaganagaga	acctgnactg	cacancaatg	ccctgcagat	300
cctnctggag	naaacctgc	tgcggtgcan	agacctgctc	tcctgcctgc	gnntcctgna	360
ngccgactgn	cttacacngg	cttngatctg	gtcctgggga	tacaaganag	ctgctngcna	420
tcnttgcttt	attatnccca	anattncngg	ntttggtttt	cncagtccat	naaatntatg	480
cctggggaggc	taaatagacc	nacatgctnt	ggcanttagc	cccnggnctt	cctcagggcc	540
atnagctgaa	gaagggnaggn	nggaataccn	ttacngatna	tgtgccncga	ntggntagen	600
ntgntnattt	ttgattgaag	gancttggac	caatttaacng	ctttttcctt	ncggatgaag	660
gatttgaaaa	actttngtac	naanaataac	ttttcctttt	tttgccgaat	gaagggaan	720
aatgnttcaa	attanttaan	ggccttatan	tnngnannng	gggcttnttg	ccccgnaaca	780
tcctntaaa	cnaggcccn	aanntntctg	ggggnnttan	ggggggttg	naacctgccn	840
n						841

&lt;210&gt; 1683

&lt;211&gt; 739

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (739)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1683

gtnacacaat	aaagctcttg	tcttttgagg	atccatcgat	cgaattcgca	caagaactgt	60
ccccgttatt	ntgtccatac	agcaccagcc	ccaatggggc	ctgaccacct	ccttccccag	120
cagaaacgcc	ccttcgtggg	tgttgaaaat	actttctatt	ctgggtcaag	caccaagaat	180
gcctttttcc	cttctgcagg	tcctccagt	attccccctt	agaatgcccc	tttcaaagcc	240
acccccccat	cgcagcggca	cagctccctc	tagagtccct	tcacactcac	atcctctccc	300
gcctcaggta	gaaatatccg	cctgcttagc	tccaggctcc	catgacatac	tcccgtaacct	360
cctctcacc	caccctcatc	gcggtcagcc	cgtcttcatt	acttctgcca	cagaacagt	420
tcccgcagtg	aggcggtgaa	gccttccttc	ccagaatgtg	cctcatcctc	ttcctatggc	480
gtgaacaact	ggtgccctga	cctgcagctt	ctcaccagc	tctcaggcta	tcgtcctgga	540
ctccctagg	aagacctgg	acttcactag	ggtgtgactt	cttttctcgt	aggcattcct	600
tctgcgttga	acgcatattc	actattctag	ctgaagggta	taatatacag	ccacgaagg	660
ggtcgataca	cacagtgtct	cctgngcngg	gtctcacagt	ctanttgatc	agacaccant	720
cgacaaaagat	cacggggtt					739

&lt;210&gt; 1684

&lt;211&gt; 1201

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (1201)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1684

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ttntccccgc tttggtctcn tcatcgengn aatnccgnet gtcttngggc ccggcngntg      60
ctccccgcgc cttgttatct ggtctctctg aatcttctgn ttttggcccc agtttaaang      120
attcatcccc ggnccggggg ttttntttt ttncnttgg ggggggnttn ccccttccc      180
cggggggttg nttnnnggnn ctttccnggg ccctccccng gcnaccagg aagaatcccc      240
cttccttttg gggnggtttt ttcaaagtta cccaccaat nggggggaag aaatnaaaaa      300
gggggggttt tttgggaaan ccattggaaa aaatngganc cnaaaaaaac ccaanccan      360
gccccaaang gaaaaggnaa aaaaaaaagt tccnttngg gtccccctt ttttttttc      420
caantttnan cctttaant ccaangnaac ccttccaaaa aaattaaaaa aatnggggtc      480
cntttggggg ggcctttct ttttnaancc aanttttnan ccnaattttt ccaanttttc      540
ccttttncna aaacccccaa ntttnggggn ggggggggtnc cctngggggc cctttttccc      600
ccaacctttt nccccnttt tcnaccttt tcnancccc cnaaaaccaa nttggggggc      660
cttctcttng ggcctccnaa aaaanggggg aaaaagnccc ccccgggggg ggnaatcccc      720
tncttttaan ggggnccccc attccaacn ttttttaaaa attnggggaa anccttctt      780
cntttaancc aaaaccaatt tttnaatncc cnggggggtt ttgggggttt aaaaaagncc      840
ccccttccn ttaacccaaa anccaaattt gcctttccct ccttctttt nggggtttt      900
ttaaataaaa ggcctnccc aattctttt tnccttngg ttttctttt naaaccttng      960
gaatnaaain ggccaatnac ctttgggaat ttttttctn aatttnggt taaattttca      1020
atnaaaaccc caatttttaa ntncctccc ggattaaaaa atggacctg gtntttatcc      1080
aaaaccattg gttttggtat ttagaaaaa aangggattt ttggggaagg ccctcttcaa      1140
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a

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<210> 1685  
 <211> 752  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)... (752)  
 <223> n = A,T,C or G

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<400> 1685
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acgctcaatt gcacgaagct taaccttatt cataagagga aaagacagaa ttcacattgg      180
gatccagttt ctttaatatc tcatgcactt aaacagaaat ttgcatttca agaagatgat      240
tcttttgaga aagagaatag atcttgggaa tcttccccat tttctagtcc agaaacttca      300
aggtttggac atcacatttc acagtcagaa ggacagcgaa ctaaagaaga aatggtcaac      360
acaaaagctg ttgaccaagg tatcagcaac acaagcctt taaactcaag gatttaaact      420
caacttaagg ntgagcttta aacttccaaa acttcttct ggatgataaa ttattcttag      480
aaactgattt ggactgttaa aggctaaaag tagatgtatt taaagactct tcttgacaca      540
ttttgcctac acttgctatg taaatatgta tgccctgncat ttttgggtcc ttgggtcctt      600
tttacgttta tactctggtc ttctgtcata gagcttaaaa taaacattct tttttgnact      660
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gtngaancng acctggataa gatccttggg ga

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<210> 1686  
 <211> 733  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)... (733)  
 <223> n = A,T,C or G

&lt;400&gt; 1686

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caccttaaat	ccttatctgg	ccgttactca	gggatatact	aggaattatt	gtcatcaatt	120
atcttcaata	atagcatttt	tgggtcaaatt	aaatgagtgg	taagcttctt	cacaatgtga	180
ccattgaaat	tgaatgggtt	gttctgtacc	tttttgcttc	agcaatcaat	tttctccatt	240
aagatgggac	ttgtacttta	attcagatat	ggtacctccc	gaatagaaaa	taaattatgt	300
taatatagtt	gtaataataa	gtgtgtgtta	agatttggtt	actataaact	actgatttgt	360
taaaacttga	ggaaattacc	ataaaatgtc	tactgaatca	atthtttctg	catttagtct	420
taatgtcaat	tctgtcattt	cctctttcat	taagaaaaat	agcagtggcc	aggcatgggt	480
gctcacgcct	gtaatcctag	cactttggga	ggccaaggca	ggtggattgc	ttgacccaag	540
agtttgagac	tagcctggnc	cacatgggaa	accctgtctt	tatnaaaaaat	ataaaaaattg	600
gncangtgn	gtggcaccac	ctgtggncca	cttcttggga	ngctgagcag	gaagatcgct	660
tgagttcaaa	anttcagctg	caatgagccg	aatcctgccn	tgactccan	cttggaacaan	720
tgagacttgc	ncn					733

&lt;210&gt; 1687

&lt;211&gt; 740

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(740)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1687

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acctaatttt	tgctagtttt	ccagtcacat	tgggtgccatt	caggactcca	gctgtttaca	180
ggaaatatgt	acttagcaga	atagtatttt	tccttgaaaa	aaatttgaat	tcagcctaaa	240
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tgtatgactt	taaatatcta	aatgctgtat	taagtgactt	gtttcaaang	gaattaaatg	660
aagtgaaaac	cgtaaaaaaa	aaaaaaaaaa	aactcgagcc	ctttanaact	atagtgaggt	720
cgtnttacgt	aaaatccaga					740

&lt;210&gt; 1688

&lt;211&gt; 787

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(787)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1688

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atcgttccac	tggacagaga	gacccaggca	cagccccggg	atggtgacca	cagccctggc	180
aaccatgagc	agtcctacgt	ggggaagcgg	tcaaaccggg	tgggtcggaac	cctccagaac	240
acgccgtccc	tgactccag	gcaactggga	gctccccagc	agcgggaggg	acggcagcag	300

```

cagcatcacg aggagctgag tgcgaccccc acccccctgg ggctgcagga gaccatcgca 360
gagtttttgt acattgcccg gccgctgctg cacttgetca gcctgggcct gtggggtcag 420
aggtcgtgga aaccctggct cttggctggt gttgtggacg tgaccagcct gaaccttctg 480
agtgcagaaa agggcctgac ccggaaggan cggcggganc tgcggcgccn gaccatcctg 540
ctgctctact acttgctgag ctctccttct tacgaccgct tcttcganc caaggatcct 600
ntttcttgtt ncaattgctt ggccgaccaa ccttccttgg cgnttnggcc ttggtcacna 660
agggccgctt cattgggatt tacnttggcc caancttggc caaaaaaaaa ttntaacttt 720
nttacaagtt tngggggcct tgaacaanaa acnttccccg gaaaaaggaa aggggtttttt 780
gggggaa 787

```

<210> 1689

<211> 744

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(744)

<223> n = A,T,C or G

<400> 1689

```

agtttnatat agantacaac tacttggtct ttttgcagga tcccatcgat tcgtccagtc 60
gcaacggccc agaccttgac cttgccactt ccgggcgtgg ggtgaaatct cttgattcct 120
agtctctcga tatggcacct cgtcagctct ttgccgaggt tccgcagccc acctgtcctg 180
gtcttcaage tcaactgccga cttcaggag gatccggacc ccgcaagggt caacctggga 240
gtgggagcat atcgcacgga tgactgccat ccctgggttt tgccagtagt gaagaaagt 300
gagcagaaga ttgctaata caatagccta aatcacgagt atctgccaat cctgggcctg 360
gctgagttcc ggagctgtgc ttctcgtctt gcccttgggg atgacagccc agcactcaag 420
gagaacgggt aggaggtgtg caatctttgg ggggaacagg tgcaactcga attggagctg 480
atttcttaac gcgttggtac aatggaacaa acaacaagaa cacacctgtc tatgtgtcct 540
caccaacctg ggagaatcac aatgctgtgt ttccgctgc tggtttttaa gacattcgggt 600
cctatcgctc tgggatcana naananaaga ttggactcca ggctttctga atgatctgga 660
aaatgcttct gagttcttca ttggtgtcct tcacctgtg cacacaacca actgggattg 720
accaacttcg gacaatggaa acnn 744

```

<210> 1690

<211> 754

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(754)

<223> n = A,T,C or G

<400> 1690

```

ngttatcggt cactcttgct tttgcagatc cctcgattcg aattcgccga cagcaactca 60
ggaggctgag gaatgagaat cacttgaacc cgggaggtgg aggttgagct gagcccgaga 120
tcgccccact gtactccagc ctgggtgaca gagcaagact ctgtctcaaa aaaaaaaaaa 180
atgccactgg agagctttga ggagaggatc agtctggcta ctgggttggg aattaatcat 240
agcaggcaaa ggcaaaaagaa gtgagggttag ttaggaggct ttacaacaac ccagatgaga 300
gatgggaggt tttagccagg gagatggaga tgttgagaga gtagctggac tcaggattgt 360
gacagtggac tgaaggaaaa gcaggttttg ggggaagatt gcatttctcc cttaacttc 420
agttacgtag atcacccata tgccacacaa ctgcaactct gtaacagcca atttttagct 480
tcttccttat ctaagccatc ctgtaggcca taggaattaa aactaggttg gatcaaagga 540
aaagtgaatg ctgatccat acaaaactat tttggatatt tgcctttgta ttttattggt 600

```

ttgaaattat ttttaatggt tcaataaaact cttactaaga acttcccaaa aaaaaaaaaa	660
aaaaaaaaacc tcgagcccnt tanaactttt agtgagtcct nttacnttaa atcccaacct	720
tgatnagaat ccatttgatg antttttgga caan	754

<210> 1691  
 <211> 830  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)...(830)  
 <223> n = A,T,C or G

<400> 1691	
attenttnna nctattgttc tttttgcaga tcccatcgat tcgattcggc acgaggetga	60
gagacccctt gctgatgcag ctctgatgtc cccgntctg gnagagnang ncttttgtgn	120
gntgncnngt tncgagtacc agtgacntgg tggatttggga actgtatgcc naatggngtt	180
atccnnggna ngtttgtctn ntgtnggtan angcctnnaa cnccttanng ntgggtggag	240
gaactntttt attnatttgt acntccgagg ggncanngan ccctttanng aggtgntcan	300
gccacacnncn aaaagntgng ccnaganaac cgcgactgnn tgnctttgct nctnatctgc	360
tgaanaaaaa ccaccncttc tnattggant tactcngagc ttccaggata aagtgcacatc	420
ggcagananc annntgctgn tagatngana catcagtggga ggacttncan tngactttt	480
tnancctgtg gaancnaaaa cnaaagctta ttaagntcct tggccgagge ctttataana	540
tnttaacttt gntcttantg tatnttggga ncntccttna agctttcnag ggggggccaan	600
gatnnaactn nttnnttcnt ntaaatTTTn naaangctng annnccttaa ttagatgggn	660
aaaaaccnng naannttggc ccnantngnc tttgcttcca ntenggttng ttaaaggcta	720
atgnnccnnc taaagncnt ananggttnt atancttccc tgggtaccntn tttgnaaccc	780
atangccttt nnttatnaaa aaagcttggt attanggnct cnttanannn	830

<210> 1692  
 <211> 1436  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)...(1436)  
 <223> n = A,T,C or G

<400> 1692	
gnngantgag nagnngngna ananaanana ggngggnncg gnganganna nnnnnnannn	60
ggngnecgnnn nnnntttttg ggaaaccctt aaannagntc ccaangagcn ngntgagtan	120
angacnnnng aacacaagan ngagngnntn ngnagtgaan gngggnggan ngaagtga	180
nttnttnggg nagnccngnn tgnccnnggn gaganngga ncgntnngga nannngnnnaa	240
nntnngtaan aanggactaa naangngntg naannggann ncggangngn gagnagagan	300
tgantaanng ngngggaacn ggatgcggag tnnccaacan antattaacn gnntnngggc	360
gcgggangng ggnccagaagn ganntggtnc tannagaggg cgtaatang nggagnnnnt	420
gnnananagc gnggaggggn aannangtgg gaatnngagn ataggggact gggannnggn	480
cngacaaaann nnnnanannn gggcgggcn gnanntgggn ggaatntggn gtaatgancn	540
aaggtacaga ngaaaagacc ngagtcgtaa gcngangtgg ccgggtgatg tanaacnnat	600
gaggtgggac cangnangtn cgatngngng nncggtnta acagaaggag cnnnatgggn	660
cangangatn nangataaag tngggagtat nnttnnagg gnggacatan tnttgaaggc	720
acgaataang gngtagaang antgtcngcg nannagnata nggagggang cngggngag	780
ncctgaaagg ggtnnngac gagngacgtg gcngnaggan annntaangn nacggtgggn	840
gcgcgagncg ngncntgana agaannngng cgacnngaga gtgggnatag tgtagnagga	900

```

aagagagngg tagcgtnaac aganacgcng nnggatatgg gggcgctcngn gtcnagatan      960
cgacnatecn ngangnanga gtggnnatca gtnantngna acgatngaga nrganataga      1020
gngggcgana ctggaggggn anannggggn acgtgaagnn tgacgnnggc atnnngctac      1080
acnngcgcg ggagaaggtg aagggganga nnatgatgac gngnagagan gnnagagan      1140
tangacagaa cnagncagta gnagaagnag agacgtgaca ntgangtgan ngcgcantnn      1200
gaacgcanac taatggacga ntncataanc nagatngcgt gncgggagna aagaaggtgc      1260
ngggagangg aangangaaa tgggacgtaa taagaagant agaaggggcc annngaagag      1320
acatgngngn gggaggnngn ggatanaggn cggggggcgn gatggccgtn gngaagngn      1380
aatnaactgg gnggnaaana naggacncgc gncncgggga ggggaaacaa nagnga      1436

```

```

<210> 1693
<211> 767
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(767)
<223> n = A,T,C or G

```

```

<400> 1693
tntgaancct ttggaactcn tgttcttttt gcaggatccc atcgattcga attcggcagc      60
aggggtggctc atgcctgtag tcccanttat tcaggaggct gaggcatgag aatcgcttga      120
acctgggagt agaggttgca gtgagctgaa attgcaccac tgaactctag cctgggcaac      180
agagtgaagc ttggtctcaa aaaaaattaa aaataaaaaa taaattgggg gctgagtgtg      240
gtggctcatg ccttcaatct cagcctccca agtagctggg attataagca tgcgccacca      300
cgctctgcta attttgtact tttagtagag gtggggtttc accatgttgg tcaggctggt      360
ttccaactcc tgacctcagg tgatccgcct gcctcagcct cccaaagtgc cagtattaca      420
gacgtgagcc cgctgtgcct ggccgagtaa ttttttttta aaaaaaaagc ctctagaact      480
atagtgtgac gtattacgta gatccagaca tgataagata cattgatgag tttggacaaa      540
ccacaactag aatgcagtga aaaaaatgct ttttttgtga aatttgtgat gctattgctt      600
tatttgtacc attataagct gcaataaaca agttaacaac aacaattgca ttcattttat      660
gttcaagtgc anggggangt gtgggaggtt tttaattcgc ggncggggcg ccatgctttg      720
ggcccgtncc aacttttgtt ccttttatga nggttaattg cccctn      767

```

```

<210> 1694
<211> 779
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(779)
<223> n = A,T,C or G

```

```

<400> 1694
nnnttttnnn atcctntaca actacttggt ctttttgtag gatcccatcg attcgggaga      60
attcccttat tgetcacttc tctgagcttc aaggttctga agcatccaga taagaagttc      120
cgggttgagg aggccttgag ggccaccgtt gttggccagc attcctccaa gacctctta      180
tgtctgtccc tcacaggtcc tcacaagctt gaggaagggg aatggccatg ggccgagtgg      240
tgaaggtgac tcccaacgag gggctgaccg tctccttccc ctttgggaag ataggaacag      300
tcagtatatt tcacatgagt gactcctact ccgagacgcc cctggaagac ttcgtcccc      360
agaaggttgt cagatgttac atcctgtcca ctgcagacaa cgtattgact ttgtcgtgac      420
gatcatccag aacaaacccg gagacgaaaa gcaaagtaga agatccagag attactcca      480
tccaggacat taaggaaggg cagcttctga ggggtatgt aggttccatc cagccacacg      540
gtgtgttctt tcgccttggc ccctccgttg tgggtttggc tcggtactcc catgtctccc      600

```

```

aacacagccc gtccaagaaa gccctttata acaaacacct ccttgaaggg aactgctcac    660
agccagggtc ctacgcctta ccaccagaag aacctggtag aactggcttt ncttcccgga    720
gacactgggn aagccagacg tgctttctgc ttncctggga agggcaactt acaaagcaa    779

```

```

<210> 1695
<211> 691
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(691)
<223> n = A,T,C or G

```

```

<400> 1695
ctnatngatc actcttgtct ttnagatcca tcatcgaatc gcacagatga catgaaatgg    60
tggccacacc ntgtgctgct atcaagtgat ggctgccaga tctgggcnegc ccagacctat    120
ggatggctgc ctcaggtgca gcatcactgc ctggtttgat ctgcctgtaa atcatcctta    180
gctgattgct gaacttgcac tgtgattgcc tgtagagttg ctgagaggct cgaggggtgg    240
gctgggtatc cagaaagtgc ctgacacact aaccaagctg agtttcctat gggaacaatt    300
gaagtaaaact ttttgttctg gtcctttttg gtcgaggagt aacaatacaa atggattttg    360
ggagtgaatc aagaagtga gaaatgcacaa gaatgggatc acaagatgga atttagcaaa    420
ccctancctt gcttggtaaa attttttttt ttttttttaa aatatctgta atgggtactg    480
actttgcttg ctttgaagta gctctttttt tttttttgca gtaactgntt ttttaagtctc    540
tcgtagtggg aaagtatatg gaatctgcta cacaatttct aattttaaaa attgagtatg    600
gtgtagaaca ctaataatca taatcactct aattaatgga atctgaataa aggnacaatt    660
ngtacctttt tgtataaaat aacaaatana a                                691

```

```

<210> 1696
<211> 774
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(774)
<223> n = A,T,C or G

```

```

<400> 1696
cnctttacaa actcttggtc tttttgcagg atcccttcga ttccaatttc ggcacgagct    60
gcattgtcca ctggacgttt tagtcatatt nngacaccag ttgtttcctc cactcccaga    120
cttaccacat ctgagagaaa ctggcttggt gngtccctcc ctggtcctta tagaatggcc    180
cccgtgcttc cnagtgnct gnagctgncc gtcngatctc taactactt cagtgcngga    240
aaaggcaaga gaaagaccgt gaaagctgtc atcgataggt ttcttcgact tcattgtggc    300
ctttgggtga ggagaaaggg tggctataag aaaaaattat ggaaaaagac acctgcaagg    360
aagaagcgat tgagggaatt tgtattctgc aataaaaccc agagtaaaact cttagataaa    420
atgacgacgt ccttctggaa gaggcgaaac tggtagcttg atgacctta tcagaagtat    480
catgatcgaa caaacctgaa agtatagatc agaagtttca cttgtttctc agttattgga    540
tatgtatctt tgtgtacata tctttgcaaa aatggataag taaaaaactt gatgtaaat    600
gtccaatgaa tatgtnaaca tacnagtgc aacattaaac ttagaaaagt tttaaaactt    660
aaaaaaaaaa aaaaaaaact cggcctctag actatagtga gtcgtattac gtagatccag    720
acatgataag aatncattga tgagtttggg ncaaaccaca cctagnaatg cang          774

```

```

<210> 1697
<211> 1199
<212> DNA

```

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1199)

<223> n = A,T,C or G

<400> 1697

tttttttaga	gagggnnnttt	nttttgnttc	cntnnnnnna	gaggggggna	atngtnnaag	60
nnncggnang	tntgcgggnn	nnnntnncta	ngtacccegn	nttcnecctta	tttnntnttg	120
anctgcgtnn	tttancttac	tttagtnaat	tnnttgnggg	nnngcncttn	gtttttgggn	180
atatttttgn	aatatngctt	nttttttnata	tctgggtacga	nnntttgntt	tnntntannta	240
attttttgct	gttgantgta	gnagnttcnc	tgtgtatata	tnntcngnnt	nanncnttgc	300
ttcggcntta	ngtngnatnt	ggngtttgc	atgtntnnag	atanntatnt	ttctngtcag	360
ggnanttgnt	gntgntgntt	ctgntctntn	tctnntgggg	gttttnnatnt	nagtcttgta	420
ttnttatnnc	tacacnttgg	gtgtatgnac	atatatnnat	gnntnanggt	ggtatnttan	480
tngatntcgt	ctctcggnngt	gnatatatag	nnnagtgggt	ngncganntg	ngaaacgtan	540
ggntagccta	ngtnntcttt	tatnctgtgg	aanngtggtta	ttgtttggct	tactcnatnt	600
gtcctagang	tgngnncata	tgcccnata	gtgggnagac	ctcaattctt	anntactnng	660
ngataagtat	ngaatanggt	gnggtanant	gtnggnacan	tttgtgnnta	ttttcaantn	720
ggtgngnngg	tgtaangccn	cctttgantt	gtantnttca	atgcgngtgt	atannctnng	780
tncttctgat	atnggggnat	tgggtanage	tcnctgctg	ntgtgtatat	ngatggnggg	840
gggtcacctg	aatnttatng	ctntgtnnng	cnccatgatg	gagnttgngg	taattgnanc	900
gattttnttt	tgnaatnttg	atnngttgng	anctcntggg	gtaggcacnt	tcattgctgc	960
anntcncngg	gtangggant	gcnnangctc	tggggnttgg	nnctgtganc	cctagngtgg	1020
gtaattggnt	cntnntttga	ttaccattna	atnaatagca	tnngnttnng	ntatnatntan	1080
tggnagaatg	gtgttncctt	gatcntatat	nttaantcnt	tnatttatnt	tgattgtntn	1140
nggganttat	gcttntggtg	gnattgtctt	ntnnnagact	nataatntna	ttgtatntn	1199

<210> 1698

<211> 783

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(783)

<223> n = A,T,C or G

<400> 1698

agnttttnaaa	atatcanata	caagctactt	gttctttttg	ccaggnatcc	cattccgatt	60
cgaatttcgg	caccgaagga	aaccgcacca	ctttcttttg	gatcnttggg	anggtgggtg	120
gttaaanggn	aacctcnaag	tttttcaaan	ctttccaaat	tgctcacagc	ttgatcctaa	180
gggnttgaag	ccatcccttg	tcaatatatt	tnngtnggta	tcgggtcaact	ggtgccatca	240
ttgccaatgg	ggtacaccaa	agcctgccgg	gagctagaac	tcaaggtgcc	cctggtgggc	300
cggtctgaag	gaaccaacgt	ccaagaggcc	cagaagatac	tcaacaacag	cggactcccc	360
attacttcag	ccattgacct	ggaggatgca	gccaagaagg	ctgtggccag	tgtggccaag	420
aagtgatgtc	tttgtcctga	tccaatggag	aaagaaagcc	atttttccgt	aaaaagggat	480
ggttcatcat	tgtgaaagaa	atggttatct	cattggggaa	gaaaagggga	gggggaangc	540
aagaatcact	tgaaaaatct	taaaatctgt	ttttctggaa	taaagatac	tagacagcct	600
aaatctgatt	ttggtcttta	tnaaaataat	atcttngggt	ctcatacttt	tctgtcactg	660
taagcctgcc	aataggcagt	gttttgcaaa	cttttgggga	gtggtctatg	tngcccaata	720
tttgtgtgta	tagacagaat	ttgaaatcaa	tctgttcntt	acaanaattt	ggtgggcatt	780
aat						783

<210> 1699



<211> 792  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(792)  
 <223> n = A,T,C or G

<400> 1699

tnannccttn aactcttgtc tttttgcagg atcccatcga ttcgaattcg gcacgaggca	60
ctttccatca ccaggcgcgaggagtntgctg tgaacttgcg gaaccgggtg tntgccatcc	120
atgaagtgcc ccgcccana tccttcacct tnctcaatga tgccctgccat ggactggagc	180
angctctgaa ggtgctggcc tacgcctgcy tgtacagntt ctacagccag gacncagagt	240
acatggatgt ggtggagcag canacanaga acctggagct gcacaccaat gccctgnaga	300
tcctcctgga ggaaaccctg ctgcggtgca nagacctggc ctccctccctg cgccctctgcy	360
ggccgactgc cttagcacgg gcatggagct gctnccggcg atccannaga ggctgcttgc	420
catcctgaan cattctgccc aggatctccg ggttggtctt canagtccat cagtagaggc	480
ctggggaggca aaaggaccca ncatgcctgg cagtcagccc cagccttctc anggccagag	540
gcnnaatagg aggaggaaga ccatnacgat gatgtgccc antggcanca ggatgagttt	600
gatgaggaac tggacaatga cagcttcttc tacgatgant ctgaaaacct gtacaaaaaa	660
actttcttct tttggnggat gaaggaaaaa aggatgaaaa atganggcct tntgacttga	720
nggggcaaca tgcaaggaaa acaacctaaa agcaagncct caaanttcac nggggcttna	780
ngngggcgng aa	792

<210> 1700  
 <211> 769  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(769)  
 <223> n = A,T,C or G

<400> 1700

agntttactt cgatactcct acttggttctt tttgcaggat cccatcgatt cgatttcngc	60
acgagacatg gngagttatg cntatctgaa attgaaagaa ggcttggttt taaagaggct	120
tggagcaaac tgcagcagtn ctttccaaag gctcctgagt ttccaaagtn caaagagtgg	180
ctggttcaca gtgcaggatt ttagaaanga gaagggaag aaaatgaanc cttacataag	240
atgattgcaa acgaaccaa agacttctct cccaaatttg ttccaggata aaaacagacc	300
gtgtctcagt aactggccag angatacggg tgctctctac atcgtgtctc agttcttttg	360
tagaagagtg gcgggaaatt tgntagaaag cctacaagat gcagccctgt gtcacagtt	420
ggggaacagt gctcttttgt gtccccacng gggcctcatg ttacatttg cttccatgac	480
caaagaagat tctaaacttt atagctctca tatggcccaa tgagtgggca aatgatacaa	540
aaagctcttt ggtgtggatc atgtaattna aaatcacgag aattggaagt gggagatgtn	600
aacccttcag aaacacagta tatttcttga gcccacact tgtccanaat gcnaanaaag	660
gcttattgtg tcagcagcag anggacctgc ttgaatcact caagcccca tctattgtcc	720
atnaagttgt ggatnattaa aaaggatgag aaaggattcc gcttccgaa	769

<210> 1701  
 <211> 762  
 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1)...(762)  
 <223> n = A,T,C or G

<400> 1701

```

ngttgactnc gnatactcac ncttngttgt ttntgcagga tcccatcgat tcgaattcgg      60
cacgaggttc agtgctcccc gggattactc tggtattca acgggatggg tntcagcaga      120
attcaagcga ggctctgggc agagtggacc acggggagcc ccacgaggta atattttgtg      180
gtggtgatcc tagctcctaa gtggagcttc tgttctggcc ttggaagagc tgttaatagt      240
ctgcatgtta ggaatacatt tatectttcc agacttggtg ctagggatta aatgaaatgc      300
tctgtttcta aaacttaatc ttggacccaa attttaattt ttgaatgatt taattttccc      360
tgttactata taaactgtct tgaaaactag aacatattct cttctcagaa aaagtcttag      420
ttttcaagac agtttataat aaactcttaa gagaacattn tnnaaaaaaa aaaaananna      480
nannnaanna nnnnaannna annnctcgac cctntaaaac tatagnagat ccgttttccg      540
tagatccaga cntgntaaga tacattgatg agtttggaac aacccccaac tagaatgcng      600
nggaaaaaaa tgcttttttt gggaaatttg ggaagctatt gctttatttg gacccttttt      660
aagctggcaa taaacaagtt aacaacacca attgccttcc attttatgtt ttcaggttcn      720
gggggangtn tggaanggt tttttaattc ccggnccggg gc                          762

```

<210> 1702  
 <211> 729  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(729)  
 <223> n = A,T,C or G

<400> 1702

```

nttnatnctg tctccgcttg ctgcntggcg gaccctcgat tcgaatcgcc cagataagaa      60
atgtcttgcc taagattaaa tntntatgga tatttttcct aagaaangtt ttagaaaaga      120
ctgatgagtg tatttctatg taattggaat atatttaagt tcatgccatg tgtcttgtgg      180
tttccttatt accaaaacgg tgactgaaga aacgcttgct ttagaaatac attgaattgg      240
ccagggtgtg tggtcacac ctgaaatcac aacacattgg gaggccagg cagaaggatc      300
acttgagccc aggagttcga gcctgggcaa catagtgaga ccctgtctct acaaaaaatt      360
aaaaaattag ttggccatgg tagtgggccc ctgtagtccc agctgcttgg ctaagggtgag      420
aggtttgctt gagcctggga ggttgaggct gcggtgagct atgatagcac cattgtattc      480
cacctgagta acagagaaag accctgtctc agaaaaaaa aatacattga attggttcct      540
gatgggaaag taaatactct catgcccagt taggagtgag tcagggnntt taatatgcca      600
ctttttcttt ctcangcaac tcatgcngca attncagaac cccgactttc caccgagtag      660
aggacaggat gccacacctg cctgtgtctt gtgcctggga gagtgggatg aaaccncag      720
acaanctgt                                     729

```

<210> 1703  
 <211> 745  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(745)  
 <223> n = A,T,C or G

<400> 1703

```

antnnnnant nntaagtggg gntntannnt tttanancnn nnatnanant nagggggaga      60

```

taaattnnann	nccttcnga	atgggtncng	agctaggaaa	aagntccatg	ctatgtgnag	120
aacgaggtgn	gngatgcaga	agcctggntt	aatgggacca	acctagctgg	gcagnntttt	180
gtggaatgag	cagttgnaga	ntgaatatag	ctttgatntt	acttntcnac	ctgngttgtn	240
nagcacgcta	cagttgtnga	gatcaacagt	catgtggtgc	acaggtngga	tggtaaattn	300
naganntttg	nttatagagg	gaaagnttcn	gtgggttgaga	gttacagacn	tgcnaaggga	360
gtnctgnagn	caaanacctn	gtanattgat	aagccattgc	atcattacca	aaaatatgga	420
ccgcanggaa	agcnataaca	naanttggtg	gaggaactga	annggantac	ttgaggaaaa	480
ggnttgggan	ttgtantana	actgtncacn	attcttttnn	tttaagagcn	ttaanaagag	540
gatggtntaa	ancacaatgt	tnttttaagg	gaganttggn	anantaaagn	nnaaacngga	600
aagaagtgg	anagantcat	tttgnccnaa	gaaccggaan	acaaaanata	aangntngat	660
ttggtcttac	nnaccnaann	tgagtgagan	aaantcntgg	nanaaagaaa	gaatgatngn	720
ngaaaagcaa	aaaanacaat	ggacn				745

&lt;210&gt; 1704

&lt;211&gt; 670

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(670)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1704

cgactggtca	gggttnnnct	caggaagctg	agttccagct	tgtttccttg	gcagcactgc	60
caaagagtta	gaccaagctg	cagcttttga	ggtgaaaggg	gatggaagaa	agtactgtta	120
cttttccact	tagaattttt	ggactttggt	cttaatgaat	aggttcattt	tcaatttcaa	180
agcaaagtgt	taacattttt	gaaatttgtc	tcaattctaa	aggccaaact	taaatatgtc	240
tcctcctact	ggggcatgga	gcaagttatt	catcaaatac	agattctcgc	atggaaaaga	300
aagctaggat	agtgtgtcgc	tgctgctctg	tggcaaagaa	cagctccttt	ctaagcaaca	360
gcctcactct	actagaatag	gtctgagcgc	gcccatcat	ggctgattgc	aacttccact	420
gggtgggatt	tcagatctag	aatctgtttt	cagatgcctt	aaagagaaga	catagaaaca	480
cattcttaac	agtttcaggg	gagatagtgt	ggatagtgtt	tagttttgct	taggttatat	540
gtgtctgttt	tctgtctttg	gtgttaacgg	actaaccctt	anttttggtg	gttagagaag	600
tgatggggaa	gaacataaag	aaagctcaga	tgacattgnc	tttgctttaa	atgtgtagtt	660
tttctctcnn						670

&lt;210&gt; 1705

&lt;211&gt; 1228

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1228)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1705

gntngacant	tnaataagan	ggggtnatna	nngcatttgn	aannccnatn	ncnnananta	60
gnggggtatc	nnantgntg	nnanacggn	cgngaanttg	ntgggagnta	ttctntatta	120
nttttccnnc	ttttantnat	cntnncctng	ntggcnntnn	tantnganga	ntaagtnnan	180
tcatecnnct	accnncatg	gcgttttctc	tnttcatant	tatctnngtn	tnactttnan	240
gntantaant	acataatnnc	nttactnttn	caanncntgt	tttnaannat	tnctgnantc	300
ntgttnagnt	cncnngtcnt	aatgttnnnc	aatatgctan	tagattcnnct	gtataanagn	360
nnntnttttt	gatntnatta	tngangnnnn	tanattannt	nntannnnntn	nantacnan	420
aatntttagt	nattncnncn	nttctnataa	nnnnntnatt	antnaantta	aagntactcn	480

```

nactnacnng agntcntnac nntnaacaag tnnctcntgn atnacctnat tcttnttctn 540
cnattcttnn anatnngtaa tcaanacnct nntctntctg nntatannnc gaatnaatan 600
atactnatgn ncngctntac nntcngtatt ctcatanang gagtatntnt actatntntn 660
canngtgann tgcacatncn tcatgcncn atangtcana tnnanatatn nntacnactt 720
gnacnattnt cnttnacgan nntctctctn acacatagta tcantatnga natcncntgn 780
tanannataa aantcgnntn attnaggtcn nagaangcaa tgttacatgn tcacnaatnc 840
aatctttctc natatgtnaa tctngttnnt nanantcttg ntcaatanta actnnatatn 900
aatattctgc gtnttatcgn atnactnanc ngncatcgat tagnggnnac tcngnnnang 960
acacganacn atgaatgang tntntntnta gtgtantact atattacgta nttntntataa 1020
agtntaatgt cagacantat ngactaaang ctgangctct ttggattcca tanganncac 1080
natanctgag tatattagcn ctcatcgaga nttctgaaaa tgaagntgta tnacgaaatn 1140
cgattgnaan ttctctgatn ntggattaaa ttcatatnta atggacgtnt nttanaatan 1200
catcantntn taccatgnta cagatgcy 1228

```

&lt;210&gt; 1706

&lt;211&gt; 780

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(780)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1706

```

gtttgaatat canatacaag ctacttggtc tttttgcagg atcccatcga ttcgctttta 60
gccaaagtca cctccgaagg tcctgggacc atgggttttg gaaagaaaat aatatccagt 120
tcatggaaat cctggtncct gggtcttttg ccttggaagg ggggtaaagt ggacatcagc 180
agcatgggtc attccttttc ttggtcttct acctgttctc caaaaagta taaaaagcca 240
gaattgcttt ttgggttttg agatggcatt gtcttccatt tgcaaaaaac agtttataag 300
acaaataata aagaaattga aatgtttctg atgggtttcaa aaatgtaaac ataagccaga 360
gtagttaatgt ctcaacatca tctcttgcca gccggcagct ccttttcttc cttgatcttc 420
taaatgtaca ggggaagaca gctggcagcc tgtcatgttt caaaccttca ttaaagttct 480
ggattttggc ctcttcgttt tcccctagat gtcattaaag ctgtcagcac cattgctgtg 540
catgagaaag aggagagtct ctggcctagg gtggccgctt ctccacattg gcaccggag 600
tcctncatgg ggcgangetc cgcagtctgc aggtccgttg atctggagtc ccggaagacc 660
acgtacacct caanatgtca gtgacagtga ggactganta accctgcagg gnctaanaatg 720
ccaaaccctt ttgccttctg ctgtgcttcg ggccggcttg gggcttttgt ggacaccccg 780

```

&lt;210&gt; 1707

&lt;211&gt; 780

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(780)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1707

```

gtttaataca natacaagct acttggtctt tttgcaggat cccatcgatt cgaggccagt 60
gtgggacagg gttgtgtagg tgtgcctttt caaacacatt tattattcag aagtgggtgc 120
agataacgct taagattaca ccgaagaatt tagggagggt gggggatgaa ggtctgtag 180
taaccagaaa cacattagtt gggcatcagt aaggggcaac ataaaggaaat ggttcccctc 240
aaaaacgaac aaaccaaatt ttatacaaaa aaatgaaatg cagcagggcg cgatgggtca 300
cgcctataat cccagcactt tgggaggaca agacagcgga tcatttgagg tcaggagttc 360

```

```

gagaccagtc tggccaacat ggtgaaacct catctctact aaaaatacaa aaaattaagc 420
caggcatggt ggtgggcacc tgtaatccca gctacttggg aggctgaggc aggaaaatcg 480
cttgaatctg ggaggcggag gttgtantga gcccagatg gtgccactgc gctcaagcct 540
gggcaacata atgagactct tgtctcaaaa aaaaaaaaaa agattccact aaccntgtga 600
agctaaaagg aaggggctct taaaaagaca cagatnttag tgacttaatt ttaaatactt 660
gggtttacct ttaaccaaaa agttcanttt ccccaaacct ntttctgctt cangnaatga 720
aaaacattgg caaaccccaa aacantggna atagaaacc tggcnttaaa gtcttcccn 780

```

<210> 1708

<211> 922

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(922)

<223> n = A,T,C or G

<400> 1708

```

angnnttttt nnaaaaattt atccaanaaa atnaccaaann gccttnactt ttgggttttc 60
tttttttttg gncaaaagga aatncccccc aatccggnaa ttcccgaaa aatttcccg 120
ggcnaccggn aaggggtnc aacctttccc ggcggttca aaacccaaa gcctttccct 180
gggttggncc cttgggcccc aagtcccnng gggggggccc cccctttccc cgggttttc 240
ccaagcccca ttggcctttt ttccgggccc ctttnggccc ccngggncctt ggnccaagcg 300
gcttggttc ttcccggncc ggcaagcctt tcaagcaacc ctccggcccc aagcgggttc 360
catttggtt ttgacgtagc tnaatctcct ttgcagcatc cgtgtgaagt tgtgcgtgaa 420
taaaagaaat cgtatacttc ctaattccat agtatggaca aaccgaggct agagaactgg 480
gccagggtta cagtcatttg gccagaggat tagaattcag cgcttctgac ctgaagacgg 540
cttcctctta accttttttg aggatctctc ctgctgtggg cggactgagc ctgccgccag 600
gtgtcttaac agtgcttgac ttggcccgcg accacttaag cctaggagcc taggctatct 660
tagccatctt ctagaatggt ggttcattga ctctgcagtg tgtcagaatc accagaaagc 720
taataaaaaa cagacgtctg ggttcattga agaagcttaa gactgcgggg ggggtccgc 780
atttttacca agtgaatcta attaaacctt attttgagaa ccccnnnnna aaaaannnnn 840
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 900
nnnncnttn aaaanttttn nn 922

```

<210> 1709

<211> 900

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(900)

<223> n = A,T,C or G

<400> 1709

```

ttgaaagact ttacaaccnc ttgctctttt tgcangatcc catcgattcg gatagcaaaa 60
cctgattttt caaccatgac ctgcatgaga gaacatccta agaagtctta gatcatactt 120
tcgagttttt aatnttaatt tatataantg cntctttatg tcttaatat ctgtgtaact 180
ggngtntatn gtnaatgcnt ataagcttgt gtnattgntg tnaaatantt ttgngattnt 240
atctcttgcc ccatatgtaa atatttagag tctcatttct tgcnaactta tttgaagctg 300
agnctggggt ttgggntntg ttgctnctn tggctgcagg ntgggntggg ggggtggcatn 360
ggganggang gaanggatct atagtcctnt gacatggttn atttntntgn nnaaaaagg 420
ctacttgtec nnetgcaann nattctcnta acattcacan ntntttccnn ggtnaganca 480
taanntcntt nccnnngant gcctataatn anctenacca cnttttggcc tnnatccnnn 540

```

```

gngcncancc aangatgtgn cnnntggctc taacnactna antntggact cactntntnan      600
ancccttata attccccctg atttnttggc cctnntacca tnnntntnna nnganntatc      660
ttttanaccc tntcacngct ttcggcgact tcagagcatn cttctcctna cntcnnncnac      720
ccnactntta ctttcatgnc cacttnctng naantgaaat ntaacttctc cnaacgtntct      780
cngnccctcn tgnantttga acnnggcnat cattggctcc aantnctcc ttttactctn      840
ttntcctcca tantatacnc tnggnnaant tcggctggat tantccanac tntccctccg      900

```

&lt;210&gt; 1710

&lt;211&gt; 673

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(673)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1710

```

tcngcacgac caagctgatt cnncttctg aaagctgagc tggaaagaac caaagaggaa      60
aagcaagagt taaaagagaa actgaaggaa acagagacac acctggaaat gctgcagaag      120
gctcagggct ttggcaaaag ttacggcgct acgtatccac gtcagctatc tccttacttc      180
tgtctccct cacttggagc ttcgtgagat cgggtatgac tcagaacaag tggatgggat      240
cctgtacacg gtgctggagg caaatcacat actggattga gcaccagact gtataccctt      300
ctcttctctt atcttctgtc tgttctcttt tctctccctc cctcacgtct ctctctctct      360
ctctctctct ctctctcacc ctcaccttta tgccttatat agagaatctc tgtgtaaatc      420
ctgggtcata atcagtctcc tttttatcag ttttgggtg gagaaagagg ccagtttaaa      480
taggctttca agagtctagg gtcagaaaag caatagtcac taagctaggt gacctgaaaag      540
ctttaatttt catgacctgg atatgtggtc tattgtatat ctttttctga aatggtttgt      600
attcatttag gttagacaat cagcagatat tgggtccngt ataccaggta ttattttggg      660
gtaagctnac aan                                     673

```

&lt;210&gt; 1711

&lt;211&gt; 667

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(667)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1711

```

ccgagaggac agannnnnnc ccccntggag ggaatttttg aaagtaaagt gtatggggtta      60
gggactactg gacatactgg gagtacagtt tgggttaatga gcctgaagtc ctggactaag      120
tggttaagtt catctggctt tttaacagggt agaattggtg tgtttaaaaag ggagtgtgtt      180
gggcggagga ggtgactggc gaggaggcga gaaatgataa gctataggcc tacaagagct      240
gcttagggga ttggatactg cttctgtgat aggaactggg tggggatttt aagggtaatg      300
cagaaggggg tgtggtgttt tgcaactgag ggtgtggaag tatctcaaaa cagcgggggt      360
aaccatggat gggggataag gaaagggttc atgttttang gtgggagggt gcaggagtag      420
aagaaagtta gaagccctgg aggggtcttg gtggatgcgt tgggtctagg ggaacgtggg      480
agtggagagt ggtgtggagt tttgaaagca tggctctgcc taagagtgga gttgggcatg      540
aggccaggac taanaatgag tgaaaggaag ccgggcgcgg tgctcaagcc tgtaatcccc      600
accctttggg aagcccagat tgggtggatc atgangtcaa gagatcgaga ccatcctgga      660
taccctcg                                     667

```

&lt;210&gt; 1712

<211> 786  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(786)  
 <223> n = A,T,C or G

<400> 1712  
 ttgnannnnn nnnccnttac aactcttggt ctttttgcag gatcccttcg attcgaattc 60  
 ggcacgaggg gaaaataacc cagttttgat cttttttagt ctgggtgctt actggatgtc 120  
 aaggtagaaa gtgtccaaca aggtgcttta actatagggt ggagttctca aaaangttaa 180  
 agagggtaga gttatagtga catcttcagc ntatatagta gttgaggcca gtggaaaatt 240  
 tccattagag agctctgaga ggaaagtgtt tagaagccaa gggaaaaagg agtattgaga 300  
 aagcgttaga tatcacagaa aaattagatt ggtgatttct aagacaagga tataaccgtt 360  
 aggatgtcat tgacctttgt gggagtaata atggggacag aagtcagggt ttgctatagg 420  
 ttgaggggtg ccaatctttt ggcttccctg gtctactttg gaagaattgt cttggggcac 480  
 ctataaaata cactaacact aaaggtagcc ggatgctgta aaaaaaacga atcacaaaaa 540  
 aaatctcata atgttataaa gaaagtgtac aaatttgggt tgggctgcat tcaaagccgt 600  
 nctgccacat gcaacccatg ggccgagggt tggatgagct tgctgtagat taaagagaaa 660  
 ataagaagtg ctgaagcnag aaaagtcata gagtagatgc tagccnttan ggccgaagta 720  
 gtagttgaag ttatttgttg gctcatgtca tagtgngaa gaagagaaag aagaacttta 780  
 gggatg 786

<210> 1713  
 <211> 769  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(769)  
 <223> n = A,T,C or G

<400> 1713  
 agttacttag ataaagctac ttgttctttt tgcaggatcc catcgattcg ctggtgtcca 60  
 tcagcacctc cgtgatccctc atgcagcaac ctggctgect gccagctact gtggacctgg 120  
 ctgcacaagg ccgcccacca tctgggctgt tggcaanaag gtggaccag cgctgtgctc 180  
 caaacgtggc tgcagcaccg gtgggactga agaatgcatg tgggccgcag ggcgtgctg 240  
 tgaagcacia gcaagaacgt ctacaaagcc cgtaggccac tacaacgtgg ctatccccctc 300  
 tgacgtctcc cacttccgct tccatttctt ttccagcaaa cccctgcgga tcccaacat 360  
 cctcctgctg ctggaggggc ctgtcattgt ctatcagctg tactccctaa tgcctctga 420  
 aaagtggcac cagaccatct cgctggccct catcctcttc agcaactact atgccttctt 480  
 caagctgctc cgggaccgct tggatttggg caaggcctac tcatactctg ctagccccc 540  
 gagagacctg gaccaccgtt tctcctgagc cctgggggtca cctcaggac aagcgtccaa 600  
 gcttcagcca agggcttctt ggcaangggc ttgttgggta gaaagtgggt gtgggggggg 660  
 acaaaaagac aaaaaaatcc accaaaactt tgnatttttt ggtacgtact ggttcttttg 720  
 ataaatggat ggngataaag gaaaaaagtc taatttttat actcccaaa 769

<210> 1714  
 <211> 748  
 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1)... (748)  
 <223> n = A,T,C or G

<400> 1714  
 tttnnnnnnn nntcattttac aacccttgggt ctttttgcag gaccctcgat tcgaattcgg 60  
 cacgagagga nccaatactg ncttttnnta ntataccaaa anactanntn tatnaatggt 120  
 gntaagggtg actgggnaaa cttttgcctg ttttggtctt ttctctgctn tttngtggat 180  
 ntgangggca gaggcgcnc ttttgntcgt gttntncntg gnnnanatnt tttannttgt 240  
 ttggtgnntn anaaagtnat tggnttcgcn cggnatngag anggaggact gntctgatta 300  
 tntngcnatg gganattgag tttantagga aaattgagag gataaaaatt atgatgnnan 360  
 acctcaaann cccgtgaagg ntanaacttc tnatncatct agagcaggag actggcatgt 420  
 tgaaagactn ataacagntg gtctggtgat acttgatctc actagggtc ctctttcgt 480  
 catgcncttg agagacactt tatcaagacc tnggtgggc catgcatngt nagntctgnt 540  
 gagagtgate tgaaatgaga tacgaagaca ggtcatgtac tggcctccac gccncatngn 600  
 agtttggtat ttatggnagt gnacangann acattggcag ctgtagctgg tgatggcann 660  
 attnatttgt gctnacaang ataagctggt gcagcgctna tgccgtatgn caccncttgg 720  
 gagacatna cngggacacn caattgan 748

<210> 1715  
 <211> 773  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)... (773)  
 <223> n = A,T,C or G

<400> 1715  
 ntctttttnc aaactattgt tctttttgca ggatcccatc gattcgctcg cgcaatgggc 60  
 tgccctgtgga catcaccaag tgccgcctgc cnmtgtcaac aaggacgact ttgccctggg 120  
 ccagcggcct ggcccgggtn tgtntncngg nggcgccccg cgctctgggt aactcaccaa 180  
 gctcatcagg cngcagcncg agatgtggct gnccactcna accaattnac ccgctggggn 240  
 anattactgg aacaccaagt ttgaaaagt ggccggaggac tgtaagcggg gcatggacat 300  
 tctgaagcaa gccttcgtcc ggggtctccc cagcggccac gcccgctttg agcaaaggac 360  
 cttcagcgtc atcaagatct tccctgacct cagcagcaac gacatgctcc tcttcatcgt 420  
 gaagggcatc aacttgccca cccccagg actgtccctt ggcgatctgg atgtctttgt 480  
 tcggtttgac tttccctatc ccaacgtgga agaagctcag aaagacaaga ccagtgtgat 540  
 caagaacaca gactcccctg agttcaagga gcagttcaaa ctctgcatca accgcaccac 600  
 cgtggcttnc gaagggccat ncagaccaag ggcataagtt tcgaagtggg tcacaagggg 660  
 tgagctagaa agagccatgg ccgctgggtg ggctccang ganggggaagc tcttntgaac 720  
 caacctnct gtcccactat acacacatgc ccacangggg cttgttcaaa aat 773

<210> 1716  
 <211> 766  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)... (766)  
 <223> n = A,T,C or G

<400> 1716  
 aancccatat anctcttgggt cttttgcagg accctcgatt cgaattcggc acgagatata 60



tggaagtctc	aaatctgaat	ttttatccat	ctcaatatga	ccatttctct	ctggtgtgag	120
ctgaacagat	taagtntntt	tttgccggtt	gggggatant	ttggtctatc	ttttntctgc	180
ntnngnnctt	natttnnaaa	aattattaaa	ggnnggntgt	ggntcttccg	tcngttggnt	240
ttntnaagaa	tattccataa	aatgttttat	ctgccataca	aaattactgg	gtttatggcc	300
ggatgtggtg	gtcatgcct	gtaatcccag	cagttcagga	ttacagggtta	tatacagggt	360
ataacaatgg	ataccaggac	atcagaatat	ctgataaagc	aaatatttat	atgctaattt	420
aaaatatcaa	attgctactg	gacataaaat	acatctggaa	gcttggggta	agaagaaga	480
aaagaagtgt	tccgttctgt	tttcaactaa	gggtaaacga	agtcacagag	tgttttccct	540
gtaggtcaaa	ttaangtaac	atgtctttat	ttgatcatct	attgnacacc	agatcctggc	600
taagggcttc	cttttttctc	atgtagtctt	ncaaattgtct	ttgataattg	tcactatatt	660
atagatgaca	aagtgaagac	ttacgagaaa	ttacctttgc	ccaaggntac	accacttana	720
tggtgtgcc	aggccgggga	anaacccctg	caaactctgt	cttgna		766

&lt;210&gt; 1717

&lt;211&gt; 1040

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1040)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1717

gnnttgannc	tattgaaccc	ttgtntttng	caggaccctc	gattcgaatt	cggcacgagg	60
annctctnat	gcactgnntn	gganaacngg	ntntttnnnc	ctcnnagcac	anngnnacng	120
gnaccaaccn	agatgcntcc	agctgntnct	ttgtgtaaag	ntnttgtnng	ggtttggttg	180
tcttttgttt	natnnanncc	tntncttngc	ccttccccct	gnnctttaat	tntntgnnt	240
tantnnnntc	ccctnngngg	gnnggangnt	tnaantntna	aanccccccc	accatgttgt	300
cgatggncce	taggattcga	ataatcggtc	cgagacacac	catgggggca	tagggaattc	360
tctgggtggg	ccaatgggtc	angctttacc	naatcccccn	agggtcttca	tnggcttgge	420
gcaatcccca	nataaaanggc	ctngnactcc	aanataatc	cataaaataa	taaatggccc	480
ctggggncnc	nttttactgn	gtanaatnan	atggggntat	ngtggnnngt	agcactggta	540
cntaactaag	ggaaaccgan	taacaccaca	aatacccccc	ccnaaaaantg	gccttggtacc	600
tatccnaatn	cancaaaacc	agtgggtgnaa	naaaccatga	ctnnggcgac	gnctcatggg	660
ttncacaaat	caataccgcc	aaggctcgat	tangaacttt	tgccacanag	gttgngaaca	720
gtccngctta	gggaaatgan	naaagaactt	gacagggcca	tcagttncat	tggnaaaaat	780
ggcatgggga	atnccagtac	ccangtttct	ttgaaccena	ttttncncn	cntttttcag	840
gggggaagta	attggcgtgg	ttttttgggc	ctcaananaa	aactttnttt	aaaaanagnta	900
aagggctacc	aagggaaaaa	gggaaaaaaa	attggtttta	ggggcaacna	aaaaaaaggc	960
ctttaaactt	ccttgggaaa	atgnngnacc	tanaatttca	atcaagncca	aaaaaangga	1020
antttntttt	aaaaaaaaaa					1040

&lt;210&gt; 1718

&lt;211&gt; 919

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(919)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1718

ggtttgantn	cctttacaag	ctacttggtc	tttttgagg	atcccatcga	ttcgctcaaa	60
gaaatccaag	acagacaact	cttctcttan	ttnaccatta	attcntaagt	tntgggggtcc	120

cgtncaacttg	aanagtcttt	gaggggttcg	ccnttcaagg	ggaanacttc	aaagattcca	180
atcttcctga	agaactnta	gaagaatgat	tgaagatgat	gtcgccatt	aagctgcccc	240
ttacctttac	tttctaaaa	aaggcccacc	tgccagnaac	ccaagggaa	cacagtgaca	300
agccttttga	aggcaaang	gcagaagcca	aaggcattct	tgaatgggac	aagaaattcc	360
acaggggaat	ttccaaatct	tnccaaaaaa	aggactggaa	gactttcttn	aaaaacccaa	420
aatggaaagc	agatgacttt	tgtttgggat	antnggccaa	aaggcacgca	gnaaagatga	480
caccgaagcc	cccacnggaa	tttcttgggg	ggtncacctt	aaggaccctt	ttagttaaaa	540
ccntcattaa	aacanttttg	gccttnctgg	cnagcccctt	accacccttt	aatttggcat	600
ttntctacca	aaaggaaaaa	acccaaaggn	accngggggg	angggaacaa	aggaaagggg	660
agnccgncct	cctnggtccc	ctngngggnt	taattccttc	cccaaaaaac	caggccttcn	720
ggncctttcn	tcnttcttaa	gggggaaaga	atgtggaggc	nttcgttctt	tcccaaaaaa	780
aaaaaattgg	ccgaaagtgc	tttggtttca	aaaaaccgcc	ttttgnaact	ttnttagagg	840
ccccaaaaag	ganggggggg	ctttcntant	ggcctggaaa	aaacaaacgg	gaaggaaatn	900
ttttgaaaaa	aaaaaaaaaa					919

&lt;210&gt; 1719

&lt;211&gt; 1188

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1188)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1719

ctttttgggc	ccnntttaag	tgnaanancc	ctnaagntgg	gaaaaaaacc	ccnntttggg	60
cnaaaaaaat	ccgcgnagag	ngaacacaga	gaangggacn	aggagannna	ncncncngna	120
gacagacggn	aaagggngga	atganacata	nngaaaagan	ggggtaaana	aanggagaag	180
agcnnntttt	tttttgnac	atatntntnt	nagagangag	cgncgnngna	nagacagnga	240
agnaagnggg	gggncannac	atntgggggg	gggggggggg	gggggggncaa	caatagcca	300
cannnaatnn	nttacganna	nagangaatc	ncaganagcc	agnaaangng	ngacgagtna	360
gcgaanncnt	gagacanata	gagagaanna	ananagnngn	anacgaagna	ggaggagcgn	420
nnnagtaana	atgnnanaag	atgntagnng	agangggagg	acacgngnna	ngagaantan	480
cgngnaaaaa	naatacgaaa	gagagnggga	aggagaggna	nanngganga	ngagannnaa	540
aaanatangn	ntaannanaa	ngancnggnc	gngnagacng	ggagaantag	aanngggang	600
nanngaagng	cganacaanc	gngnnaacag	aatgaggagn	ngaagnanat	gnnchnaana	660
ngtgngtgan	aganannagag	ggaagagaan	aggnantntn	angacganana	gnnncancgn	720
gagatggaan	gnggcganac	nnnncagaga	gaangggancg	ganaagnann	naagnaagga	780
cngacgacga	annancaatn	agnagaacnc	aacgttagca	gaaggtagnn	gnacacggcn	840
nnntanagga	anagnngtac	aggtntntta	nnnngnntag	aggaaaanga	ggancntgcn	900
ggacgagcgt	agnnagaaa	agagagtnca	gnatnggnga	nnaaggagna	angagntgat	960
gtacgganga	gngnggggac	ganggggaaan	anacangnna	gaaatannga	aagagagaga	1020
agcgnnnata	agatnaagna	gctacagaag	ngaattgcat	gngatgcacg	ggatagnagag	1080
ntgtaaacga	canangaanc	agacgntagn	agntgnatan	tcagaaaagg	gnggngngnga	1140
nnancnggac	ggnggagngn	aaatgatgaa	gngngaggga	naangngn		1188

&lt;210&gt; 1720

&lt;211&gt; 788

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(788)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1720

aannnnnnan	cttttttgtt	cntttgcagg	atccctctnt	tcganttcgg	cacgaggcta	60
aacatcaaaa	acagatctgg	taggggagg	gaaaatgagg	gggaagaaac	aaaaacgtga	120
tgggtgcctca	tgctgcttaa	aatcttcagt	acattgatgt	tttgatggcg	gactacataa	180
gcgttaaaaa	ttgtgttttt	cagatcttta	aaatataaga	cagtgccttc	agtgaataaa	240
aaaattagtt	tgaaagatat	ctggagaaat	cgcattcata	aaacaattgg	aagtgaact	300
attaaaacaa	tagggccttt	taaaattaaa	aatattttaa	attcaaaagt	aattaatagt	360
gttggaagat	gtaggtgaga	aaatattcct	gaaagtagaa	ctgaaagaga	caaagagaaa	420
agatgaaagc	cacagaagat	aaatacaggg	gtcaaaacca	gactaacagt	tttagaaagt	480
gaaaaaagtt	aaaaaagaaa	tgggggcagt	gggttattag	aaataacata	aatggctggg	540
atggtttgtc	tgtgtcctcc	ccaaatttca	tctcgaattg	taatcccat	aatcccatg	600
tgtctagga	gagacctggg	ggggangtga	ttggatcatg	ggggtgggtt	ncccttacga	660
tgctctnctg	ataggtgggt	ggagttctca	caagatctga	tggttttttt	aaagggctct	720
tgccctttta	actcctcact	cttttcttcc	ttgaaacct	tgtgaaaaaa	ngngcntttg	780
cnttnccn						788

&lt;210&gt; 1721

&lt;211&gt; 750

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(750)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1721

ggtttnatnc	nttacaactc	ttgttctttt	tgcaggatcc	catcgattcg	aattcggcac	60
gaggggtggc	catgcctgta	gtcccagcta	ttcaggaggc	tgaggcatga	gaatcgcttg	120
aacctgggag	tagagggtgc	agtgaagctga	aattgcacca	ctgaactcta	gcctgggcaa	180
cagagtga	cttggcttca	aaaaaaatta	aaaataaaaa	ataaattggg	ggctgagtgt	240
ggtggctcat	gccttcaatc	tcagcctccc	aagtagctgg	gattataagc	atgcgccacc	300
acgcctcgct	aattttgtac	ttttagtaga	gggtgggttt	caccatgttg	gtcaggctgg	360
tttccaactc	ctgacctcag	gtgatccgcc	tgccctcagc	tccaaagtgc	cagtattaca	420
gacgtgagcc	gctgtgcctg	gccgagtaat	ttttttttaa	aaaaaaagcc	tctagaacta	480
tagtgagtcg	tattacgtag	atccagacat	gataagatac	attgatgagt	ttggacaaac	540
cacaactaga	atgcagtga	aaaaatgctt	tatttgtgaa	atttgtgatg	ctattgcttt	600
atttgaacc	attattagct	tgcaataaac	aagttaacaa	ccaacaattg	cattcatttt	660
atgtttcang	ttcangggga	ngtgtgggaa	gggtttttta	ttcncggccg	ngcgccaatg	720
catttgggcc	cggtncccaa	ctttttgttn				750

&lt;210&gt; 1722

&lt;211&gt; 735

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(735)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1722

gttgactaca	aatacaagct	acttgttctt	tttgcaggat	cccatcgatt	cgaattcggc	60
acgagatgga	acatgagatg	ggtggccacc	accctgggtg	tgactatcca	gttgatgggc	120
tgccagatct	ggggcatgcc	caggacctca	tggatgggct	gcctccaggt	gacagcaatc	180
agctggcctg	gtttgatact	gacctgtaaa	tcattcctta	gctgtattgt	ctgaacttgc	240

```

attgtgattg gcctgtagag ttgctgagag ggctcgaggg gtgggctggt atctcagaaa      300
gtgcctgaca cactaaccaa gctgagtttc ctatgggaac aattgaagta aactttttgt      360
tctggtcctt tttggtcgag gagtaacaat acaaatggat tttgggagtg actcaagaag      420
tgaagaatgc acaagaatgg atcacaagat ggaatttagc aaacctacc ttgcttggtta      480
aaattttttt ttttttttta aaaatatctg taatggctctg actttgcttg ctttgaaagt      540
aactcttttt ttttttttgc agtaactggt ttttaagtctc tcgtagtggt aagttatagn      600
gaatctgcta cagcaatttc taatttttaa gaattgagta atgggtgtana cactaatnat      660
cataatcact ctaattaatt ggaatctgaa taaagngnac aattngtacc cttttttatn      720
aaataacaaa tanaa

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<210> 1723
<211> 757
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(757)
<223> n = A,T,C or G

```

<400> 1723

```

atnnnnnnan ctcttggtct tttgcaggac cctcgattcg aattcggcac nageggagtg      60
ntggcttnca ttttttcttg ggcaagatgg anaattcnct tcctgnncct ccatcntggc      120
canaatctaa ntntcntnt atgcegggtt tgcttggtgn ttgttatttt tatntgcnn      180
tgctngcnat gtntntmtgn tgncttneng aaatgtntgn acttttggn tttctgttgg      240
ngagaaatct acttatttat ttaaatagct tcgacatacc ctgccctcac tcataattgc      300
gggggtggnga gcacacccaa gtttattagn aaaagtntn ctatttanac atatctagaa      360
ntntntgtgt taaatncgta aggacaaaaa ggaagnantc tntataact gctntttnta      420
ngnnaatgtg agctaacttt gaggctatat ancatatgca ncanagcttg tgaactgaac      480
acttgtggtc ccatnaggng tgcaagcatg ttntacttgg ntcnncacta tctnggttcc      540
tgcganguc ttnaacgatg naaatgttcg ctgttaatga gaagtctgga actnccatat      600
tctcttaaga cattttgcgg cttccagana tactcttaaa tgactgctnc aaagctcaaa      660
gacttgnagc cccntgggtg antcctccat tagatggaca tgcattctcc anctacntg      720
nccatactc agggaaacna accaactt tcancan

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```

<210> 1724
<211> 830
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(830)
<223> n = A,T,C or G

```

<400> 1724

```

atnnnnnnan ctacttggtc tttttgcagg atcccatcta ttcgacttnn gcncgangaa      60
gccngncaac ttctnngatc tnggaggtgn tgtaaagggn gctcaggnc atcanccctt      120
cagntcgctc anagctgntt ctcaagggtga agccttccct gttgntntat nnggaggatc      180
ganantctgt cgtgcttgt ctttgggntg gntnccnct gccggnagct anaactaatg      240
gtgcccctgg nggtccggct tgaaggaacc aacgtcncaa ccgcccatan natnctcacn      300
nacngcggac tcccentnac ttcacnctt nacctngacg atnctngcaa aaagctgtg      360
ccagnngnc caaaaatgnt gtctttgtnc tnatccnang gtgaacgntg ccgntnttnc      420
gtaaaaaggn atggttcate attgtgnaag aaaatggata tctcattggc gaanaaaagg      480
ggannnnnga aggaagaat cacttganna atcntaaatc tgtgggtgant ggaataagat      540
atctctaaca ggctaantct gattttagge ctttataaaa aatnatantc ngggngngct      600

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ccatacttna nttgtcactt gtnatgcctg gcccaaaaang ccaatgtntt gccatacttt      660
tggtgggagcg ggacnntgtg ggnccaaaaa attgcggggc ntttgacccc naantttgna      720
aatcaaagtt ccttgctttc aatntaccaa naaantttng gggggggcaa tcttaatncc      780
ttnccttaaa tggaaagggg ctaaaaaccc cttcnttttc cnaaaacctn      830

```

<210> 1725

<211> 1089

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (1089)

<223> n = A,T,C or G

<400> 1725

```

agnaaagtga aaatcttctt tttactacan gncttgggca tgggccctgg gcaggggtnc      60
ggaacttctt agganggnat ccccgggggt tnaccgggag ncttcggaaa tttcgccctt      120
atagtgggag tttnttttaa ttaacaaatt tccaacttgg gccccgtccg gttttttaac      180
aaacgggttc gttggaactt gggggaaaaa aaacccttgg gccggtttaa cccaaacttt      240
aaatcggnct ttggcaagca acaatncccc ttttcggnc caagcttggg cggtaaataa      300
ccgaaagaaa ggccccggca anccggaatc ggccctttcc caaacaagt tggcgccaag      360
ccttggaat ggcggaat gggaacgccc ccccttgtaa gccgggcccga atttaaagcc      420
gccgggcccgg ggtggtgggt ggggttaacg ccgccaagcg gtggaanccg gcttaacaac      480
tttggcccaa gcggncccta agccggnccc cgnttncctt ttcggctttt cntttccctt      540
tcnttttct tcggncaacg gttcggnccg ggcttttnc cgggtcaaaag cttcttaaaa      600
tcgggggggc ttncctttta agggggttcc gaatttaagt ggcttttaac nggnaacctt      660
cggaccccc aaaaaaaact ttgattaag ggggtgggaat ggggttcaac ggtaagtngg      720
ggccattcg gcccttgaa taagaacngg gtttttttcg gcccctttt ggacgntng      780
ggaagtcccc aacggtttcn ttttnaaata aagtggggaa cttcntttg ttncaaaac      840
ttgggnaaca aacaactttn aaaccntat ctcgggggc tnaattcctt tttnggaatt      900
taaataaaag gggaattttt tggncggaa ttttcnggnc ctaattnggg ttnaaaaaa      960
atgggaagctg gaatttnaac aaaaaaatt tnaaacggcg naatttttna acaaaaaata      1020
attaacgcnt taacnaaatt tccttggang cnggggantt tcttncctta acgccaatnt      1080
ggnggccggg                                     1089

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<210> 1726

<211> 754

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (754)

<223> n = A,T,C or G

<400> 1726

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agtttantnc natacaagct acttggtctt tttgcaggat cccatcgatt cgaattcggc      60
acgaggaaac atggggaaaa gttcgtaaac tcctggttga tgcaattcat aatcaactaa      120
ctgacatggg aaaaatgtat ttgaaatat atgaaaggaa catctattgt ggtccctgac      180
cactgcactt tttattacca gggaaaaaaa atcttgtaac aatttcatat cttcaggaa      240
taccagatgg ccagctgcag gcctatagga aggagttaca tgatcttttc aatctgctc      300
acgacagacc ctatttcaaa aggtctaatg cttatcactt tcagatgag ccatacaaag      360
atggttacat tagaaatcca catacttacc ttaatccacc taacatggag actggtatga      420
tttatgtggg ccagggcata tatggctatc atcattatat gcaggatcgc atagatgaca      480
atggctgggg ctgtgcttat cgatctctgc agactatctg ctcttggttc aaacatcang      540

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gatacacaga gaggtccatt ccaacacaca gagaaattca gcaggctcta atcgatgccg 600  
 gggacaaacc agcaacattt gtcggatcgc ggcaatggat tggatctatt gaggtgcagc 660  
 tggactaaa ccaattgac ngtataaccg tcaaaaatcc tgttgtcac ccaaggtaa 720  
 aaattgcctn ttcaaggccg ggaacctggc taan 754

<210> 1727

<211> 800

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(800)

<223> n = A,T,C or G

<400> 1727

gnnnntnnnn nnnnnnncaa ctactgttc tttttgcagg atcccatccg attcgaattc 60  
 ggcacgaggt acagcaggcc ttgatttcaa caataaaatc ccgacctccc ttgctgcgct 120  
 gcactgcccc cgggagctga tgggttgag actggaaatc agaaaacaca caatccagaa 180  
 acatggttta tctggaacct aggtatataa gatgccaaga taagtcaaat tcacagagac 240  
 acattgtaga atggtgattg ccaggggcca cagaggaggc cagaaataag ttattcttga 300  
 atgagtacag agtttcaggg tttttgntt ttgggttttt ttttttcttt anacagagtc 360  
 ttgctctgtc acccangctg gagtgcagtg gcgtgatctt ggttactgc aacctctgct 420  
 tcccagggtc aaaagggtct tctgcctcaa cctccgagta gctgggatta catgcataca 480  
 ccaccacgct cagctaattt tttttgtagt tttantanan atggggtttc gctggtaccc 540  
 catccngcca ngctggttta attattnatt ttttaatttt tttagctaa aagtctttgc 600  
 cctgtcacc cagcttgagg gttcaagtgg catgaatctt aagcttaact ggnancctt 660  
 caaccttctt ggggggtcaa agtgaatcgg tccccaacct taaanccttt cccaaagtaa 720  
 gcttgaaaa ctaccggggt ggggccaccc aaccattgnc cccaacctna aatttttttg 780  
 ggatttttgg gaagngggg 800

<210> 1728

<211> 753

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(753)

<223> n = A,T,C or G

<400> 1728

agnttnaatg cgatacnagc tacttgttct ttttgcagga tcccatcgat tcgaattcgg 60  
 cagaggtgg cgcagtctga gttcactaca gcctccacct cccagggtca agagattctc 120  
 ctgcctcaac ctcccagta gctgggacta cagttgaaaa agatcatcta gcaaagcctt 180  
 tttcccagct acatataagg aatttgaaag tcacataaaa tgggttaagaa aatgtgccaa 240  
 gattacctca gtaattctgg tctgtgttct caggagaccc tggaaataaa caatgtgtct 300  
 tctgtggctt cagcgtcacc tagtgcaggc tgccattcaa caaacgcatt gtcaacagtc 360  
 aacccaaaaga aaccattgg ccaccatacc ctgaggacta accctgacac agatgccctt 420  
 ccagatgccc tcaatagtct aactgattcc atcgccccag ccttggggga gaagcactgc 480  
 tgcttatgca ctccatttac agaaaaacgt tgacctcttg gcgagaatgc aaagaaggga 540  
 acgcttgctt atacactgtt ggtgaactgt cacccttaca actcagcttg caaccagccc 600  
 tggccaccag tttncacac ctgagctgaa tateggacat gcccatctta gacattncag 660  
 cccattctga aattccacat cgattcacct gacaaagtct gaagttncan ggcaatttat 720  
 cttggaaaag cttacctggg aatacgtgtc att 753

<210> 1729  
 <211> 747  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(747)  
 <223> n = A,T,C or G

<400> 1729  
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 cacgagagat cactcaaaat ttgcatgtga agaataaag cagagcatcg gtagcactag 120  
 ttcagcttct gttaatcatt ttgatgattt atatcaacct attgggagtt caggatttgc 180  
 ttcattctct cagagtcttc caccaggaat aaagggtggac agtctaactc tcttgaaatg 240  
 cggagagaaac acatctccag ttctggatgc agtgctaaaag agtaaaaaaa gttcagagtt 300  
 tttaaagcat gcagggaaaag aaacaatagt agaagtaggt agtgaccttc ctgattcagg 360  
 aaagggattt gcttccaggg agaacaggcg taataatggg ttatctggga aatgtttgca 420  
 agaggctcaa gaagaaggga attccatatt gcctgaaaga agaggaagac cagaaatctc 480  
 tttagatgaa agaggagaag gaggacatgt gcatacttct gatgactcag aagttgnatt 540  
 ttcttcttgt gatttgaatt taaccatgga agacagtgat ggtgtaactt atgcattaaa 600  
 gtgtgacagt agtggtcagt ccccgaaaat tgtgtctaca gttcatgaag attattctgg 660  
 ctcttctgaa agttcaaatg atgaaagtga ttcagaagat acagatcnga tgatacagta 720  
 tttccaagaa ancgtccat ctgtgtt 747

<210> 1730  
 <211> 749  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(749)  
 <223> n = A,T,C or G

<400> 1730  
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 acaaattggc taccatcttt tattcttctt tctagcttct ggagagagaa atgattgttc 120  
 cagtttagaa tgccaggagt ttactgggtg tttgtatttt ttatctgtgc cttaaaaaaa 180  
 ttagattata atgaacaaga catctttatg ttttacaggg aaggaaaaag cagtgaagt 240  
 atgcattttc gaaaagaaaag tgtgttggga aaagagagag aggggtggaaa cccaaaggag 300  
 aaataaaaaat ttttaagtcct tgttgtagta gctggaggaa gtgagcttgg aaatctctcc 360  
 agcgcaatgg ttgctggctg ggaagaaaga tctgacttag acacagaata agctgcttgt 420  
 gctgggtgtg tttgtgagct ggggtgaggt ttctgtgtcg ctgggcacgt gaggggaagt 480  
 acgtggctgg ggggtggggt ggggggcatt agaaggaggt atgggtgtct gtgggcgctc 540  
 gcgtgtgcgt gtatgtgtgt gtgtgtgtgt gaaanaanan agagaaggta aaattaactt 600  
 tgtcctatat gttggtttct ctgctanagt cttaaaggaa cttgcagctg cttttttatt 660  
 ggttcaattc cacattctct ctaggattgt tgggtgttatt tgggtgatga taaagccagg 720  
 attaanaacc anactgggnc aattnaaan 749

<210> 1731  
 <211> 1116  
 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1)...(1116)  
 <223> n = A,T,C or G

<400> 1731

ntnannanan agagggggnt nnnnttcttn ncnnnnnngt nnagaggggg ggaatanann	60
tgnnnatntn gcttcnttng tgtgntgtaa tnttgaantg tgtggncggg gggggggggg	120
gggtgtgacta attnatctta tttaaactnn nntattntta ataataact attnctntt	180
cnganangag atttttntnc aantngntnc tttatnnata gnaggtntnn tcnnnnan	240
tnntgtntnt aggnntgatt attanntgt nntgttagta tngtncnngn antttannat	300
tnactgnnta gtncattggt tntnnntca nntgttagta cgngnattcg cgtacgnnaa	360
atnttantat agtnatatag tganannnga tntctntatg tacagtanat gtnagntcta	420
nnctgtngac ntatgagngt gantactnna ganncgatan ntaaggtgtn tactgnngat	480
aactnctcan gaantcagtg tgacgangnt nagcggataa tangangnaa tggatangta	540
tatatgtgt acngtttncg tacgatgtgt gncagttnga attagnagtt agtgtcgata	600
gatagnttng ntnganatnt gagatagtg gctattatnn tatagctcnt tnnanagtng	660
nagnganttt nnatatgtta tattattcnt tnacngtcat antgtgtaga cattagngac	720
tagtntntnt angtgngttg nttnngtaga acgatnttgn tngttgagnt ttnnnatacc	780
ntaganttan cattgnntgn tntgtntnt annatntatg atngtatgat gcagatttag	840
taaagtntnn angggaannn agaantntan nnnctgttn ncttantnat ctttgaanat	900
caagnnangt ntngnagtt nttnngnttc nttnnaaaant nannnaatnn nattnnngat	960
nttntnttat nttgtngnan aantngtgat tngatatgta tncgtaatga aattaactgt	1020
tnnnntttta gnananaatt antggtaatc nnnntgntna cncacnatct ngtgatncgg	1080
ntggacatna tntgnntggn gngacntctc nagtng	1116

<210> 1732

<211> 748

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(748)

<223> n = A,T,C or G

<400> 1732

ttgatncggt acnnetantg ntgcntgtgc aggatcccat cgattcgaat tcggcacgag	60
cgccatgttg ccaggctgg tctctcctga gctcaggcaa tcggccacct tggcctctga	120
aagtgttaga attacgggca tgagccaccg catccagcca gaaagataca tatctaattc	180
tagaaatagc atgcagtatc agtcatagta acagccatgt gctgacctaa ataaaatttc	240
ttgatattgt gtatttaacc tgaagtattg agctagtgtt tttgttttgt tttttgggtgc	300
tgaacatttt ggtctaatc tttggcttct tagaacattt taaaaaatct atgttttgct	360
atcagccaaa gtaaatgtgt tcacactaac atataagtta ctaaccttca ttatacagca	420
aagctaaaaa gtgggtggggt atttgggggtc ttaatgaaaa ttgtatcatt taattccata	480
aatattaaaa tatttgggta ccttttaagc tttttttctt tctttctata atgggnggta	540
caagttctat attcattcag tttaattctca tttgaaattg tttaaatcag agtcatgtaa	600
atatttgtgg gttttttttt ggtttataga ctcgagcttt tctttttacac agtttttttt	660
agggaaaaac taaagctatt anggaaatc taaatcttgt tgatgaaaaa attgggcttt	720
tctttgggata taattaataa aaagggtat	748

<210> 1733

<211> 753

<212> DNA

<213> Homo sapiens

<220>



<221> misc\_feature  
 <222> (1)...(753)  
 <223> n = A,T,C or G

<400> 1733

agaannatct ctttgcaact ccttggttctt tttgcaggat cccatcgatt cgggctgccc	60
cagcgtttagc agcctgtacc aggtctnttn cccgctctgc ccacggctgt gtacgacatc	120
agaccaggca ctctcagggc cgctctccag ctcaccacag tgtctccacg tgccttacct	180
cttctccttc aggccaagtt tcgcggggtg ttttattaag acgtccacta gaaatagctt	240
gtcctgtcaa ctatgaaata tggtagctag attttaattc ataaccgtaa agttttttaa	300
agttttgggt tagtaatttg ttttactaga atgacaaaga agatgtaaac cattttattc	360
tgtaggcttt ttactcaatt atgtacaaac cacaaatcag gtactgtatt ttagtgaagc	420
attgctttta ttgcaacaga atagcttttg tggctatcaa atgaaatctg taaataggag	480
gtggagggca agccatcctg actgagcagt ttaaccgca ggttctaaag tgtcccgcgg	540
agtacagata atattctgga aggttaactgt ttactacgac agagacgtgg cattttggaa	600
acgaaactta agatgtttca tggagcttat tttgagaact ttcccatttc aggtttctgc	660
attcangctt tacatggtca agttaactca gagaatcccc cactgggttat catcaactnc	720
tctgaaatgt gaacccttn naacttgngc tca	753

<210> 1734  
 <211> 690  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(690)  
 <223> n = A,T,C or G

<400> 1734

tnnntcnaat tcngccgaga ttcgaccctn nnnnccnngc ctataagacc ctccctggccc	60
ccctgagcag aggactgtac cttgtaagct aaagctccat ggaatagaga ttccctgaaag	120
gacagattat gaaatggaca ggcaattcct catagaaata atggaaatca atgaaaaact	180
cgcagaagct gaaagtgaag ctgccatgaa agagattgaa tccattgtca aagaaagaat	240
ttactgacaa tgtgagcagt gcttttgaac aagatgactt tgaagaagcc aaggaaattt	300
tgacaaagat gagatacttt tcaaataatag aagaaaagat caagttaaag aagattcccc	360
tttaattgtg gatagtttaa agtttaaaaa ataaagtctt tgctgggcac agtggctcac	420
acctgtaatc ccagcacttt gggaggctga ggtgggtgga tgacaaggtc aggagttaa	480
gaccagcttg gccaacatag tgaaaccccg tctctgctga aaatacaaaa attagccggg	540
catggtggcg cgtgcctgta atcccagcta cttggtangc ccgangcagg agaatcgctt	600
aaaccctgta ngtggaggtt gcagtgcga aaagatcacg caactgcact ncactttggg	660
caacagaatg agacttaatc ttgaaaaata	690

<210> 1735  
 <211> 760  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(760)  
 <223> n = A,T,C or G

<400> 1735

gttganttcn atcaagctac ttgttctttt tgcaggatcc catcgattcg aattcggcac	60
gagcttgata tcaatggcct gccatatggt ctgtgtgccg gctgcgtgaa tctcagtaag	120

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agcgccagcc caggcattaa cgctccctccc ggcacgaata gaccaggctt gggccagaat 180
gagaatctga gtgccattga ggggaaaaggc aaggtggggg gactgaagac acgctgctct 240
agctgcaacg ttaagtttga gtctgaaagt gaactccaga accacatcca aaccatccac 300
cgagagctcg tgccagacag caacagcaca cagttgaaaa cgccccaagt atcaccaatg 360
cccagaatca gtccctccca gtcggatgag aagaagacct atcaatgcat caaatgtcag 420
atggttttct acaatgaatg ggatattcag gttcatgttg caaatcacat gattgatgaa 480
ggactgaacc atgaatgcaa actctgcagc cagaccttg actctcctgc caaactccag 540
tgccacctga tagagcacag cttcgaaggg atgggaggca cctttaagtg tccagtctgc 600
ttttacagta tttgttcaag caaaccaagt tgcagccaca tattttctct gcccatggac 660
aagaaagaca agatctatga ctgtncacaa tgtccacag aagttttnt ttcaaacnaa 720
cttgcnfaat tcatacaatg accccaccac anncttttt 760

```

&lt;210&gt; 1736

&lt;211&gt; 750

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(750)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1736

```

gnntttgant ncanatacaa gctacttggt ctttttgcag gatcccatcg attcgaattc 60
ggcacgaggc actcggtaaa ctctgggact ggagccaaga gactgtgaga aatgaccttt 120
ctcatcaagt ttgtcccaag ccaggcttaa attgatagat cgtctagggt ttctgatgct 180
ggtaaagaga ctctgtgcct cagggacagg tctgcaaaga tcattaagaa acagattaaa 240
attagggagc aagacaagac aagagaaagt ttctttacgt tctcccagac ctctctgggc 300
ctataggcag atcaaatttg gcctctagat cagcttggac aaaatgatgt ccacggtgtc 360
tgagttaggt ttttcatttt tatccctctt atagccatct ttagctgcag gtgcctttta 420
gagttatggt ttttggaact tagggacatt taaaaataaa gaatgattat tgctcatgat 480
gactgngcta atgagtggaa agaacttgct tttttttctt cttttaacta acttagcctc 540
agttaactag taaatgtaat tttttttctt tcttagaaga aaaatattta aaaaaaata 600
gatctggcct ctggcttgct acccacttg gaggagtctg ggaagtctag acaatgtcct 660
angagccaga cccactctgc agtcatttgt gaatgaatta ttgtatcata tgcngncttt 720
tgaattcata ctttgagcca aatcccactt 760

```

&lt;210&gt; 1737

&lt;211&gt; 1191

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1191)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1737

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caccnmmnac ncaananaaa nannnnancan nacacancnn anaaanancn nnaacnnaaa 60
anaaaaccaan acnaannnna ccncncnnnc nnaccacncc taccncacnn nnncccnntt 120
ttttttgaaa aaccctctnn nnnngancgg gnnccacncc aacacccctc tnnncnnnaaa 180
anncccacna nntanaaaaa caccatacnn acccactatn tcacaanacc ataacacact 240
acnacatnaa nncntccatn catattcaca atctacacan nctacnnaca canntatact 300
natacacaca ctnatcactc taccctacac aatataaaac aatntctaaa cnannanaaa 360
catacacnna nnaactnnac ncctaatecn cctcnaacac ccnaancnaa anactacnnc 420
cccatccata ananaaaant acncnnnaa acancacccn anaaaaannt naantcatac 480

```

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ncttcacaac cccaccctna aaacaccacc canctnnnna anaccacaca centcccaaa 540
cnataacnca cnaanaanaa nannanaaaa aacacaaaca ccanaaanac nataaacna 600
cnacnacata cncaaaaccc cncaatacan annaannnnn accnccanca cntanccant 660
acncaccnac ctcanncacc nnaccctccn aactccncac ccnancntca ccactccant 720
cacaacaacc ctccccacn cactcanaca ttatcacaca ccncananaa ntcacaacna 780
tnaaaacaca nccactaaan aanaatnacn nacncanaca acatntcanc cacaaccctt 840
actnaccncc accaactn taccaccaca tcnannntnc ctncctncca tccttcnaaa 900
atactcaana taccncatca ctacnccata ttacacnacn actcacncaa nnannttaca 960
ctcactatca cancacaacn tctncaactn acactctana ccctccnanc ananacaac 1020
tatcacaacc ananacnata cacacnatnc atatatctca cacancacca natnannnct 1080
anaaccana tntantncac anancantca cnaaactcac tccacttcaa cacntactct 1140
atcaacaacn ctacatcacn atatncatca acacatacna nanntaacan n 1191

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<210> 1738

<211> 745

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(745)

<223> n = A,T,C or G

<400> 1738

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ntttgattcg ntacaagcta cttgttcttt ttgcaggatc ccatcgattc ggttttataa 60
gtggagtctt cagggaatga ttatttgga attaggcttt gaaagagcct cagctgtgtt 120
ccaccctc caagaattca ggctgttatt tttcaaggct gccacagagg tggggagtgg 180
aaaatgagac tagtaagtta aaatactaca aagcttgctg ttcttacaga aattcagcca 240
tttttctga ataaacactt ccatggattg ctgcaagcct tgattaattg ccagaatctg 300
aatgggtgc ttttgacagt ttttttccca taggttttg ttgcttttat ggaagagcaa 360
agttttggag gttcttcacc atgggtcagt acatcatttc ttggttttg tcttgcccc 420
tctttcttc tgaagcatca taaggattag aatgatcctt gtgtgatga gttctcttg 480
tgacatgttg aatgatgctg tctgtggcac atncaggaaa tgtctaattc acagctgagt 540
ttcagaatct ggaatcttgat gtatgatctt atttatagat gatagttaaa acaaaagtgg 600
atataatagc ctaataaag catttataat gaaataacca aagagcttct atatttgaag 660
ttggataatg cttccnanna aaannnnnnn nnnnnnnnnn nnnnnnnnnn nnnntnnnn 720
nnnnnnnnnn nncntttcnn cttnt 745

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<210> 1739

<211> 735

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(735)

<223> n = A,T,C or G

<400> 1739

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gttgacttcg ntcaagctac ttgttctttt tgcaggatcc catcgattcg gtttagtggt 60
cttccactgc tagaaatttt ggtgttctt gatttttatt ttccctttta taaatgtctc 120
tttggtgac gttattagac ttacagtata atccagtga tacataagcg aatgaagaca 180
gtaaccctca aacagatgtg tgtgtggcat gtacattaac tgctatcctt tcagcacttt 240
gttttgtga aatggccatt tccattatgt tcaggaaaac tcattttggg aagaataagc 300
aataaatttg taattaatga aatctggttc agtttttcag tttgtccagg ttttaagaga 360
agttaggcac tggcctagct ttaactgatg tctgttgcca gtgagttgag atcatcagga 420

```

ttgctctgaa tacatgccag ataaggacgc tgagtaccag cacataggca cgggtgaatg	480
ctgcttcaaa tgggtcaaaat gatgttcacc cataaagcaa caagaacatg ttaatgacat	540
acgttgaaatg gcacctcttg aagtccaaag tcaggacttt attgattacc atatgaagtg	600
tttcctggga tgcccagcat gtttccagaa ganctgctgg ggtgcatcgt gggtttatcc	660
agcttggnca tgaanggcag atctcaacta tgnatgtttc atcttttaaa caaaccttgg	720
catagaaacc acaga	735

&lt;210&gt; 1740

&lt;211&gt; 753

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(753)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1740

nngttgatnc nttacaagct acttgttctt tttgcaggat cccatcgatt cggtaaaactg	60
tatatctgta atatgaatcc cagcttttga gtctgacaaa atcagagtta gggatcttgt	120
aaagggaaaa aaaaaacaaa acaaaatggg agatgagtac ttgctgagaa agaatgaggg	180
gaagggagtt ggcatttgtt gaaagtatag tctttttctc tttttttttt aattgcaact	240
tttacttttag atttagagg tcgtgcgcag gtttgttaca tgggtatatt gtgtgatgct	300
gagcttgagg tgcaaatgat cctgtcacc aggtagttag tatagcacc agtgaaactg	360
tagtctcatg ccaggcactg tgctagccca ctctggctca tttaatcctc tcctaagaag	420
agaggagaca cagcgtcccc atttgacaga tgcagaaaaga gggtccacag gtgtgccttg	480
attctgccta aaaccgttnc cggaactttt cctgggtgtg gcgcttctaa cctaatectc	540
aatcgattcc agaactatta ctctgtttcc acagtgatac tgtgtctagg ttttanggag	600
gacagttcat tgatgttact taaaaatgct ttccagggtg naagttcctt aagttttgag	660
gcttcaaatt tccttacagc cattaataac ccattcatga ntttgaaata ctgntctgtg	720
gcttggaat cccaatcaga atggttggtg gaa	753

&lt;210&gt; 1741

&lt;211&gt; 822

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(822)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1741

agttgaatnc ntatacaact acttgttctt tttgcaggat cccatcgatt cgccttgggtg	60
catgggcctg gagccctggg gggaaactgtg ggaactctga gccgtctggc cctgagggct	120
cagcctcagc ctccacatct gcctgttgcg gtcttggtg tggggctctca ggataaggac	180
atagccccct ggaagctggg aaggccccac atcaggcctt gcagttteta acccaggagg	240
tggccgacag cagtgcgttg gggctgctg tccctgcaca cgaagccctg gggggtgaat	300
ggaggctctc cctgtttttg ttagcattgg aggcctgagc agggctaacg cccaaccgct	360
tgcttaaaagc gcataaagat gctgagatgg aaaacgtgtt gcatggtgta aacctgcaa	420
agcccttcca gccagtgcaa gtgatcgagg canacagaan ggaaaccgcc ttttgcaaaa	480
gagaagctcg gctctctctg gggtagacag atcaacccaa actgngcaaa gctcacattc	540
atcccaactt cacaagcttg cctgcattcc tgtttcacia gcaccctcct tgtnccttg	600
aaccctttct tcccccaact tgaagtgggg ggggcttttc gggccttcaa ggtggggggg	660
tgttttgcaa gacacagcct atttgnctct tgnccctt ggaaacttca ttaaacnata	720
gaacccatgg ggcnaaaga ncttgtttcc ttgaannccc caaggttcat tngcaacnaa	780

ttaaccccttt ttcaacattc anancccaac agttaattgc ct

822

<210> 1742  
 <211> 784  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(784)  
 <223> n = A,T,C or G

<400> 1742  
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 ctgggggatcg gtacagctcc ctgggggtntt nacaggccct ttgtgaaagt tgtgtgcttg 120  
 gtcttccacc ccaccccaac actgnttcaa atagcaccaa ccagatggga gtncncatct 180  
 gtggtggcaa aatgctgaca ttttcccaag aggtcacaag gtgggagang cctgctgtan 240  
 canaagtgtg tgtagagaa acaggggect gatttagtng ccanaanactg ggtgagaaaa 300  
 atggccanag aaagtgacct gccagctacc agtgtttccg aaaatgaggn tgggatggcc 360  
 catttcagag cangacacag tcatncccat agccctctga ggaggggang gatgcttaga 420  
 gcaggcattt cttgtcagnt ctgacgtggc angtgccatt gnaacttgtg cngaggagtc 480  
 ttaggaagtg ctgccataat tcataaggtc aacancacat ctggatgaat gaaccacctg 540  
 aaatgtgtgt gggctgagcc acaggaaggg tgaatcctct tgcttnggn gctttatggg 600  
 gtgcaggttg cttgcttttc cacattctct cattttgctt gaagcagcct aacaaaaggg 660  
 agttcccaaa anagctccat gaaaacctta anaaaattca ttttctgna ggaccaaaga 720  
 agaccaanaa tttgtntctt ggtcacactg gttgaagctt ctgtctttac aacntgattg 780  
 ttct 784

<210> 1743  
 <211> 751  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(751)  
 <223> n = A,T,C or G

<400> 1743  
 agttacttcg atactcctcn tgcattgctg cgntnancnc ttccgatcca attcggcacg 60  
 aggtccatgc taatttctag attgatgttt tagccataaa aatgcagtat ttaataatat 120  
 tttattttcc aaattatggg aaagcttcag aaatagaaat attcaatata attagtactc 180  
 tctaattctt tttctaggtt gaaaaatctt tgttttgctt taggttagat tatgttgaaa 240  
 cacatctgtg tttcagatgt gttcagagct gaggtctcag ctgaggctcc actgaagcag 300  
 gattcacttc caaaataaca gagttgttgc caatattcag ttcgtagcaa actactggaa 360  
 caagaatctg ttttcttgct gagtgaattt cttgccatgt ggccctctcc aaatgctgga 420  
 cataaaaaag taggctgagc acaatggctc acacctgtaa tcccagcagt ttgggaagcc 480  
 aaagtaggag gatcgcttga ggccaggagt tcaaaactag cctgggcaat atagggagac 540  
 ccccatctct acaataaata aaaataaaaag ctttcattta caatgatggt agaccaaaga 600  
 aattgtcct agatcttcac tggagaacat ctagaaaaag ctggcagctg acaaaaattt 660  
 taaaaacatc tgggctgggc ccggtggctc acacctttaa tccccacccc tttgggange 720  
 aaggctaggg gatcacttga gctcangagt t 751

<210> 1744  
 <211> 742  
 <212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(742)

<223> n = A,T,C or G

<400> 1744

tacaaactac ttgttctttt tgcaggatcc catcgattcg aattcggcac gagctttntt	60
gnattttttac gctntgctgt ccatgacata tttctaacac ctttatgatt attgmnccctg	120
cttgnaaaag ggntgggnatt tntntngnctn ctcngntcgn agaaaaggtn nntgtgcccc	180
cccttctggtg ggcagtttgn cactttgctt tccngtntcg ngnnctnngc ntgagatttt	240
ttnaaanact cccgcangct ttcacttagt ttcattgttg agaactngc caggncatc	300
tctagctgca aangaggctg agaaagtga cacagcagtc ctccttatcc ttggggaata	360
cattccaaga ctggatccct ganacagcag atagtactga accctatata tactatgtnt	420
nngcctatgt atatatactt gatatggtnt ggctgctacc ccacccaaaa tctcatctag	480
aattataatc cccaaatccc tatgtgttaa ggggtngacc angnggagat aattggatca	540
tgggggcaat tncctgtgc tgtcttgaga taatgagtga ctctcangag anctgttggt	600
tttataaatg cctggcgttt nnctgcttgc agcactncat nttgctgcct gtgaaagngc	660
ctgcttctct tgccttctgc catgaatgta agtaactgag gccttcacgc angcngaact	720
gtgagtaagn nacctgtttc tt	742

<210> 1745

<211> 745

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(745)

<223> n = A,T,C or G

<400> 1745

agtttaatan anatacaact acttgttctt tttgcaggat cccatcgatt cgaattcggc	60
acgaggatgc acgggcactt tggaggaccg agcggccact ctgagtaaga tcatccaggt	120
ggcgggtggaa ctgaaggatt ccatggggga cctctattcc ttctcagctc tcatgaaagc	180
cctggaaaatg ccacagatca caaggttaga aaagacgtgg actgctctgc ggcaccagta	240
cacccaaact gccattctct atgagaaaca gctgaagccc ttcagcaaac tcctgcatga	300
aggcagagag tccacatgtg ttcccccaaa caatgtatca gtcccactgc tgatgccgct	360
tgtgacgtta atggagcgcc aggctgtgac ttttgaagga acccgacatg tgggaaaaaa	420
acgaccagag ctgtgaaatc atgctgaacc atttggcaac agcgcgattc atggccgagg	480
ctgcagacag ctaccggatg aatgctgaga ggatcctggc aggttttcaa ccagatgaag	540
aaatgaatga aatctgcaag actgaatttc aaatgcgatt gctatggggc agcaaagggtg	600
cacaagtcaa tcagacagag agatatgaga aattcaacca gattttaact gncctctccg	660
taaatggnac ctnccttctgt aaagcangca ganctttgat actcttcaaa aaacctttan	720
aatatctttt caagnttccc actttt	745

<210> 1746

<211> 748

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(748)

<223> n = A,T,C or G

&lt;400&gt; 1746

```

agttgantnc anatacaagc tacttgttct ttttgcagga tcccatcgat tcgaattcgg      60
cacgagtgtg ggcacaagat tttcttgcta gcggaatgtg aacaaaaaag tgtagaggcc      120
aatcagtaaa aatattcaaa gccagttttg ttgttttcag cagttagtaa ctatcagtag      180
atgaatattt actaggaaac attggtcttt taaccacttt gggcatgctt cttatttagt      240
atgttcatca tgatttagta tcatgacatt cagcgaacat ttattgagtg cctactgtgc      300
actagggact agtaagcatg ttaagtttgt aagcttttgt gatttccacc acaaaacccat      360
aggacctcag gttattctca taattgagga aactgagatt cccagtgttg aatgaaagcc      420
acacagtatc acatggccaa tatcatgtga ttgcagagtc aggactcaaa cccagctctt      480
aaccaccacg ctatactgac ggccctttcc cagttcacag ggaaaattca ggaacaggga      540
gagaatttca aaatattaaa gtttcccatc agaattttct gaagaacttt gggtatatgt      600
tgcccccttg tcaactaaca gttctagcag atgacagaac aaatgaggaa gtagctaatt      660
aatattaatg aacaacctca gaatttttct gagtgtggaa tagacttgga tattcaacag      720
tctcaaatat ttgaccatt taatggac                                     748

```

&lt;210&gt; 1747

&lt;211&gt; 737

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(737)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1747

```

gnttgantac gatcagctac ttgttctttt tgcaggatcc catcgattcn naaacttctt      60
tgtcttttga atagtgtgcc tttaatagaa cacatatagc atagtcttag ggattagagt      120
cttctgactt cattactatt tttacagtaa tttatatctt ggtttcttca attagaaaaa      180
aaaatcgggc ctgatttttt atttcattta ctagctcagc tgttctcaca cctacctgct      240
gaattagaag ggacaagtat aatccatctt cttttcttct tccctcctt ctgtaataat      300
gtttttctat ttgacagggg taattttttt ttttttttga gataccgctt gctttgtcac      360
ccaggctgga gcacagtggg gcagtcattg ttgtctgcag cctcaacctc ctgggttcca      420
gcaatccttc tgccctcagc tcctgagtag ctactacag gcattgtgcc ccatgcctgg      480
ctaatttttt gtagagatga agtcctacta tgttgtccaa actaaaaagt aatttttttt      540
tctagaagaa gtttanaaga tttaggangg aaagggtggg ctttaaaatan gcttcttttt      600
ttcctggggg ggggtgcaaa atcttccttg gtaccaggt tggaggcagt ggcacggctn      660
cagcactgca nctctgcctc caggtcaagc tattcttctg cctancctca cgagtggctg      720
ggatacaggn gctgccc                                           737

```

&lt;210&gt; 1748

&lt;211&gt; 753

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(753)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1748

```

naantgaatc cnttacaagc tacttgttct ttttgcagga tcccatcgat tcgaattcgg      60
cacgagccag cattcaaaat tcccatgctt nnggaatcca ttgggacttc tccccaggat      120
gtactgaatt caagggaagc ttctctaggt gtagcagaaa ctgctgctgt catgtctctg      180
ctcaccagga cgtagcttct ctctacagac ctttatttct ttccctggag gcttcagtcc      240
atgttgaagt gtaaaactcca ctcagctcca ggaggaaatc tgttttcttt atcaccaggg      300

```

```

gcttcttcta cgagttgcct ttgataggga ggccaggagg aagataggcc caagctcagg 360
gggtgggacg gggagcagga agcctgtggg ctttagaatc gaggtattgg tttctccctg 420
tcaccatcat ccaccacctg tgtgaacttg agccatttat cgaacctcac ggagccccaa 480
gtttctcctc tgtaaacaag gggaatgagc cctactttgt atggttgtca agaggatttg 540
agacaatatg tataaagcaa tggacacgca gaggaagtca ataagtacaa ggtaactctg 600
aaaatgccac caaaggaggg ctaggggacag gaaaaccatc tccgccaacc tcaagaaccg 660
tggccccgaa acttgttcca ggaactgggc attgtntgaa gataaaaaaa aaaaaaaaaa 720
actcggcctn tanaactnta gtgnncntat tac 753

```

&lt;210&gt; 1749

&lt;211&gt; 918

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(918)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1749

```

atggnnnnnn ttttnnnnaa attntttccn nnnaaattac ctttccaaag ngccctttgg 60
ggccattggg ntttttgggt ggcccaaggg gaaatcccc cnattcccgg aattttcccc 120
gttttttttt taattttttt gggaaaaaat aaccttttgg ggncttgagg acttttaaca 180
aaaaaaagga acttttcccc cntcaacaa cttttggaac aatggaattg gaacaaaaaa 240
agcctgggtt tggcaagtgg ttttccctng cancggaatg gaaacaacca aggaaacctg 300
ggggaaggtt ggaagaaaga aacctggggg gaatggaaaag tcatcctggc tgggaatgga 360
cctggctttt caggctgact ggcccccgcc catgggggaa cctatctcca ctggctatgg 420
ccagctattt ttttcgagcc aggcctctcg tctgttggcc aggcctggagt gcagtggtg 480
caatcactgc actgatcctc ccacctcaac ctacaagtag ctgggactac aggcgtgcac 540
caccacgcct agctaatttc taaaattttt ttgtagagac ggctctacaa tcgcttgagc 600
ccangetggt cttaaaactcc tggaccaag cgatcctctg tctcggnctn ccaaagtgtt 660
ggggattatg ggtgtgagcc accgtgttgg gccttttgcc caactatttt gatgcccaga 720
cctgcttcac ctttgtgtat tgaagcccg tttgnaaacc gtgtgtgtgt gtgcctttat 780
tgnacatcct ccaatnggcg gttctttttt actetaatgg tcttttgggt tccccctca 840
gaagaatcat gaaatttgea ccagacctaa ttttnggggt acttttgggc ttattgatgg 900
atttggaaaa tgaaagaa 918

```

&lt;210&gt; 1750

&lt;211&gt; 1320

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1320)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1750

```

caaanannan cntnnncnanc nnnattntn atnatctaan ngtggggggg ntttgtnttc 60
aaatacnent tntttttttt gentaaanaa tccnccntcc aatanggtnt annctanant 120
tnagnncnggg gggnnnttaa tctntatctn aatnttcnnn nnnannncn cgnancccc 180
ccctntatac tntngattat angngcnatt tcaactcaata taatnangtg taggagtgtc 240
nctncccccc cttactnttt ctcacatctt nntaaacncc tanaaatnta gganacttcn 300
atcactttct catntntctc tcanactnna tnttanccac nngacncttc tgtattnnnt 360
nncnangnc ntnnnctntn acataacatt ctacncatna nacataccct atntacacct 420
ttcgctncng nctcntttnt ctncancan naatcntana ncnaactttt aatancntnn 480

```



tacatnnnct	cacatnatta	cgagtnacnt	ttcttctgca	aacatatecca	cctntcanta	540
nntgtcatga	tcttntaanc	anatcccgtn	tctctctaca	ttannatate	tnntnatttn	600
nctcttttct	nntntnctat	tnaantctna	ncnctntnna	tnntncaant	ntnccntana	660
nnttntcaen	tnatcatata	ncatctnaac	catatnnntc	ntnnataatn	tnnanctctc	720
nntctattnt	tnnctnangn	ctnctacnaa	taacncnact	atataatncn	ncatctanan	780
ttctacacta	atatntannt	acacnctac	ttcttctcac	tnacncacgn	natatctacc	840
tnannnnnct	ntntnnncn	tnnttctnan	cactcatenn	tgacntnan	acgtcacatc	900
tcancataca	cntcttctc	tacttttnacn	canactactt	cnanttcnct	nanctnntct	960
nntctctntc	tgntatcaca	cacactgnna	ntgnccgtn	gactentten	ntcactactn	1020
ctntcnaact	tnnctnctta	antcactctc	ncnctntat	atcacatnan	atatactcng	1080
ataacttanc	atcnnngnt	antgntntat	atatccaaact	canntncncc	actnnnnnaa	1140
nntnactntc	atcnncttat	atcactnacc	ntacatntac	ctcatanctn	cnatcntaaa	1200
caanacnnc	tctannatnc	ttantacatc	tnnncnacct	cnatantcta	tnntataatac	1260
tnctntnatt	tngtntccta	ntntaggtea	tcnangnnac	ncactcntta	ncnatcacen	1320

&lt;210&gt; 1751

&lt;211&gt; 1031

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1031)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1751

gnnnnnnnnt	naanagtggg	ccngtgcggn	ttgaancccn	tancctngcc	tggtcncnn	60
tcngtnnnnn	ccgtcnntta	ncctcggggn	aatannanng	gggttttccc	ctctttatcg	120
natacctnnn	angngggntg	ntnngttgtc	tcnncnnnat	antnntgttn	cntnccgntn	180
agcanntatt	cngcncantt	ncctnncttc	ccncttctta	ccttacnttn	nannnntcan	240
gnntgntnng	tnntantgtt	nntcntnnan	ncnnntntnt	nncaatgnaa	ngctcctant	300
ctcactnttt	actntgtggn	aaaangcnan	tatntttctt	ctcnmntnag	ntntcntnct	360
cnnnncnatc	ctcnatannn	cnttcatctn	cttccccent	gnatattcan	aactccatcc	420
ntcnctatt	nncgctngcc	tttnatcgte	ntgctgggnn	tccentctnt	nttnacancn	480
natactgttn	tgetgcnata	canntacntt	ancgannnnn	actntcntca	caatacttnn	540
tnnctnact	cnnttacnat	gacgatnatt	nttactcttn	gtntantgt	ctagtacnnn	600
taantntant	nnttctctc	ctaantnct	ntnattgtnc	gntnatcttc	ntaggnnnan	660
ntctattncg	ngtcnnctac	actnatctnc	ntnactntnn	taengtggn	nnnnccgnacn	720
tctgcccct	ngtgtctct	catnnntnct	ntctnnatct	ncatcntttt	cttcttctta	780
nactcntncg	atcancctct	atntcttnat	ntnntcatgn	ngtccacgna	ctnccccnc	840
nttgcgnttc	ngatntnncc	anggtctctn	attntcntna	acagggtcnc	ttccggacat	900
ccnatatnnt	cnnnntcan	ttcgaanttn	tnntnctnnt	tnntgaantg	acnnntntat	960
ttctgntctc	actcccttac	tgtactnnna	ctnaccngga	tttattatna	tccccntnt	1020
cntngntcnc	g					1031

&lt;210&gt; 1752

&lt;211&gt; 692

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(692)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1752

```

ccnncntcna attcggcacg aggggagctg nnnnnnnng tctagctctc agcagagctg      60
ggagcaaagc ctggccgccc accccaacct ggggctgcct cccactccgt gagatgcttc      120
tgtctcctgt tcaactttgt tggtagtttc ttattttcaa aatgcacttc atttgatcat      180
tactgtgacc ttgggaagca gcaggacagg gatttctttt tagagggtgca aactgctcag      240
aggggacaca cctcagcctc tcaactgtggg tacacgtggc gtgccatgag tggggaagag      300
caacaggcga gatgcctcat tctactggaa catcactgtg ggtgaacaga gatttccagg      360
ttttccctct taaaatattt gtcccacacc gacaagagtc cagtcaccag gcctcaaagg      420
aacttctgct tgtagcagcc gcctcccctg tgcccagcc tccttaatgt gtgcactctc      480
agagggcaca gctcgcgagg ctgggttttg gggccaagtg gcttggtcat tccagcatct      540
aacatcataa aggtgggccc agatttcttg attcgaccac agtgctgttc ctaccacaca      600
aatatccatt cctgttttgt tgaagcagcc actggtcctc ttgtttcccc tgcaaacgga      660
nggacctgca gtgcccattc attcaacccc cn                                     692

```

<210> 1753

<211> 1239

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1239)

<223> n = A,T,C or G

<400> 1753

```

ttntnntnag aggntgnnt tgaagcatnc ttaagggggn ncttttgaaa gtggngntnc      60
ncgnatnann gangnecganc cntttctttt atnatgcatt gaatnaaagt ttatgntnnt      120
taccgnagnn atgtnggggg agtgatatcc ctnnmntana ttatgattct tgtgntangn      180
agatannatt ngntgtggg naaacnttcg gnanntgatn cntntnmtn tncaaaataa      240
tnatcnccat antttctagn nggagaaaaa aagngtntcc gnatnagtnt catatgnata      300
angcttntnt ngcgggtata gattgtgtat ctentntntg ncgatatang cactgtntt      360
ccgnatacta tngtnnnga tanncnntat nttacntttg aaatgnngca nactnnntng      420
ggagtgtgcc ntccgnaatg tnactatnac gcgntntttg ganatgnact aacacnatng      480
ntntntcgcn atcgtnntnt attnttattg tntnctatgt ntenctgcna tncattatcn      540
tntcatcnat atnnttttac tggcctcaca gatttgnngt cnaanattgn ntgnanactn      600
cnantgtanc nganatncta nnntcattnt angancantn atatgtattg gattggatag      660
cnattantaa taatcnggan cntanntnng cgantnntac ntcannaana gatantntnt      720
ttatatgaaa ctntctggng agcgagaaacn ggggcanttt cgtggnccta tntatancgn      780
gntgttnttg cgtaagatat ttacgagctn cttncntgta nncctngatn acntnnanaa      840
tanacngtn ncntatatga gaagtgttnc atgtttttat antgcngtaa ttactnnatg      900
naatagatna tntgtgtaan agagataatg tgnntnecgnc ggtntgcaac atagcatagn      960
gaatgnnacg agnngtgtaa gtgnatcata tgaaatnant ggtnttcacg ctangttana      1020
tcgtatcneg tagnaantgta ngataaggt natattngaa ttngaaacnn ntatnnntat      1080
ggnatnctac gtnggggggn tgnngtttta ntcagaggat attatttcta gtgcanngtg      1140
gtaaagaaaa nanatntnat gtatntgtan gantnannnn tcgatganng natangatng      1200
tntnnanngn ataggnnant cggcgtancg atnangngn                                     1239

```

<210> 1754

<211> 674

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(674)

<223> n = A,T,C or G

&lt;400&gt; 1754

tnccgggggncc	cggctttaag	agcacaagga	gggaaagtaa	cgaaagggct	ggactactat	60
aaaagttaca	aatacgtagt	tagaccaata	gatttatata	agncaggnt	ttgncatgta	120
attnattaac	taactattac	agaaacacag	ctaanaatat	caagtatttc	tctggctctt	180
gacagaaaaa	aatcagttga	cttaaccctt	tgtgtcaaaa	agagttggcg	tttctgttgc	240
tgggtgctac	tgccaaacgt	tatggctact	agagtcggga	tgcaaacctt	caaccaccga	300
cttatcaatg	cagcncgcct	gtgtattgca	attggccggt	accttaanca	ctgagccacc	360
cgggttttagt	tcagccattt	caagaagtat	atttaacgtc	ggtagttctg	ctttattaaa	420
atgcancaga	ggtagctctt	tgtnccctnc	gtttatagtt	ntctgaagag	agttctattt	480
tntggnatng	gtttgggttn	cttttgcatt	tttngtatct	tngtatttat	ccctgaacat	540
gtttttnnacc	tttttttttn	ttaanaaaaa	annaatcntt	ccgnggtttn	taaaaaaaac	600
ctacgangna	annccctgaa	gnaaatgtgg	cggctcctta	aaaaggtctc	tgttgcngca	660
agggnnttaa	tccn					674

&lt;210&gt; 1755

&lt;211&gt; 967

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (967)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1755

tnnctntntt	ttagnnggnt	tnttnnntta	aatccccctnn	ccatagagcg	ggngnttnt	60
cttttannnc	cnncnnngg	gctagagant	tcaannngnn	tggegnnnnc	ctntatncnc	120
tcccacaata	nnggatgna	ncntnnntnn	actttatnaa	tctcttntnt	ntctcnnacg	180
ngtgatntng	ntttagtnnc	ntcgccgctt	tcncnggntt	ggntcnaant	tgtncatttn	240
aggnaatccn	tttnatcnan	natcatcatc	ncnggtnatc	tggtcncctc	ancgncaccn	300
tnanntccna	ntnncttagt	ctcnnnagcn	anantatntt	natagtnacc	anatcttttn	360
cttnaanggn	aatacatatc	ctcctnctna	gaancgngnn	catctagann	cntnntntct	420
ccncttantn	ngtcctcna	ngtncccttat	aagtnccntg	cntcnaaagg	cgaaaaaata	480
attnannttg	nannncgttt	cattnacann	cngcannggt	atnnnaganc	gnanctctnt	540
ttantgncct	taccctttaa	ccaantctan	tnatatttna	anttgnaaacn	ttatntntgg	600
ggntaccnan	acannatcnt	ctcgngnggt	anaentgnac	tnnnctntngt	nncaagntat	660
mntantngnc	atgtgnntnn	cttgccctagt	ggtnaggtat	tctnaaaatt	tnntaantcn	720
taaatttanc	atgccanatg	gnacgtaata	gtatcaanan	tntggtnnat	ttttnggnan	780
cctttntcng	tanannnggg	ggntanngct	gccttcantt	tcannccatc	anatgntttt	840
ncaaagattt	tatngtactc	tncttntana	ttctttanag	ccaannnnng	aagncncngt	900
tcacttttcg	nanntaagan	tntnncttat	gnnctctctn	ctanaatntt	ctntctccta	960
ngtnnnn						967

&lt;210&gt; 1756

&lt;211&gt; 734

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (734)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1756

ccnccgctcg	aattcggcac	gagaccttta	cctgcaacct	ggctgagaat	gtgtccagca	60
aagttcgctca	gcttgacctg	gccaagaacc	gcctctatca	ggccattcag	agagctgatg	120

```

acatcttggg cctgaagttc tgcattggatg gagttcagac tgctttgagg agtgaagatt 180
atgagcaggg tgcagcacat attcatcgct acttgtgcct ggacaagtcg gtcattgagc 240
tcagccgaca gggcaaagag gggagcatga ttgatgcca cctgaaattg ctgcaggaag 300
ctgagcaacg tctcaaagcc attgtggcag aagaagtttg ccattgccac caaggaaggt 360
gatttgcccc aggtggagcc gctttttcaa gatcttccca ctgctgggtt ttgcattgag 420
gagggattaa naaagttctc ggagtacctt tgcaagccag gtgggccagt aaaagcttga 480
ggagaatctg ctcattggtgc ttggggacag acattgaagt tgatccggag aagcttccan 540
tcattttttg caagataccc cttacttcnt tcttgttttg aaangggaat tngcccccca 600
atttggtnng gagaaccccc ccccancccc aanggangcc ttgaaaccga aaggctttgt 660
ccttggcntt tggggggggg annantcttt gaacaaggcc ccaaaaancc ttttcttac 720
cngggcttgg gccn 734

```

```

<210> 1757
<211> 654
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(654)
<223> n = A,T,C or G

```

```

<400> 1757
ccnccntctg gaantatgtc cctgcaccca aagaaggttc ttttgaactt tatggagacc 60
gagtcctgaa actgggaact aacatgtaca gcgtgaatca gcctgtggaa actcatgtgt 120
ctggatcatc aaagaactta gcctcatgga cccaggaaag cattgtctca aaccctcttg 180
ctaaagaaga gctgaatttc ttggccaggc tgatggggagg gatggagatt aagaaaccca 240
gtggccctga gcccgattc cggttgaatc tctttaccac cgatgaagaa gaggaaccaag 300
cagcgctaac caggccagaa gagttatcct atgaagttat caacatacaa gccaccagg 360
accagcaacg gagcgaggag ctggctcgaa tcatggggga gtttgagatc acggagcagc 420
caaggctgag caccagcaaa ggggacgatt tgctcgccat gatggatgag ttatagctgt 480
tctgaccagg cgtcctctgc cccagggag aggctgctgg atggtgaccc ctggggaatg 540
ccccatggcc cagaatgatg ctgctagtct tctactgagt gaagccatta cgtctatttc 600
ttatttatgt tgtaaggaaac tgtgtgagtc tcctttgagg agcactcact cttg 654

```

```

<210> 1758
<211> 668
<212> DNA
<213> Homo sapiens

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```

<220>
<221> misc_feature
<222> (1)...(668)
<223> n = A,T,C or G

```

```

<400> 1758
ccnccnccgg aattctggtc ctcccttccg agcaacgttt gcaacgatga gaggatggct 60
gcaggaaaac gcaatgagga tgactgttgg aatgggaaaag gcaaaagcag gtacctgttt 120
gcagtgcag gaaatggatt agccaaccag ggcaacaacc cagaggtcca ggttgacacc 180
agcaaacacc acatactgat ccttcgtcaa atcatggctc ttcgagtgat gaccagcaag 240
atgaagaatg catacaatgg gaacgacgtg gacttctttg atatcagtga tgaaagtagt 300
ggagaaggaa gtggaagtgg ctgtgagtat cagcagtgcc cttcagagtt tgactacaat 360
gccactgacc atgctgggaa gactgccaat gagaagccg acagtgtctg tgteccgtcct 420
ggggcacagg cctacctcct cactgtcttc tgcatcttgt tcctgggttat gcagagagag 480
tgagagataat tctcaaactc tgagaaaaag tgttcatcaa aaagttaaaa ggcaccagtt 540
atcacttttc taccatccta gtgactttgc tttttaaatg aatggacaac aatgtacagt 600

```

ttttactatg tggccactgg ttttaagaagt gctgactttt gtttctcatt cagtttttggg 660  
aggaaaaag 668

<210> 1759  
<211> 1381  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(1381)  
<223> n = A,T,C or G

<400> 1759  
aagngggaan cagngnnacc acgcacanna nnnccnnaag gngggggggg nnnnacacca 60  
nnnnnnnnna nnggnnggac gngnggaaaa nccccccncc nnnnnacccn nnnnanannca 120  
gncnggacgg gnggggggna acnncncnaa aaacgcccct ntggngannn nnncccttta 180  
ccnccccgga caannaaccc agcccagggg aaagnannna cacncgannn gggagnaggg 240  
ccggcaccnc acaatannca cacacnncga acntaacgga nngcgganann ancgtacaca 300  
acnccnaccg naccanaann cancanaaaa cannancacc cagncaccac ntcatacntn 360  
ctngnanatn atacntcatn atnctgccat atcatcncna cagtncang gncgngcag 420  
atccanacaa tactacgcgc agcaaggac caacanaaat naaaanacaa ccanggaacc 480  
ccccacnaca cacnncgnc gcagaannna natanaccac anctgntnca naaacnccac 540  
nnagngaaac ngccagcnga antcagaacc ngncacntc caccgaccana nnagnggaa 600  
ccaaccaagn ccagatngcn ancaatanna ncacncganc cannacaatn ncncnacacn 660  
acnnngnctc nnaaacnnc ngaaaaaagt catcgncnna ccacnacng nnaaaaaacnn 720  
ncntacgaca tataccancn naacnngcnn nncgncnnac gcaagncnna cncacncta 780  
tngcnancct nnaancgnt gtcaatnntn acgcccngnn nacngtagac nactgganac 840  
nacanacagn ggngccacgt tgaanatgc gnntantacg ngatgngnac acaanaaaaac 900  
acnccnncna gacgcgcacg acnncaccc gnggggcgna ncannaaann ntncgnaagg 960  
acaacgncac nngntncngg anaccgcant aaaantccan nccaaanact angngtgagac 1020  
gaaaanncnc gaggacanan acnganacgn tgaaggacna nagctgcaaa ngggcnacac 1080  
aacgnccang ctgaacanac cngcacaaca ngcntncatn nngngcgcn cacngacnac 1140  
atcncaacgc gcgtnaaanc nanaacgggn acacacannn aataanaacac acgcangaaa 1200  
agaaaaacng gnaacgaggn gaaaaatnga cccaaatc aagncnana acncangcag 1260  
gggcacngg annggggaca agngaaganc ncggnccngn annacncgaa aggcagann 1320  
gaggccagac acacacaaaa actacatcag gaagacnagg aacnngaaaa agagaaaaanc 1380  
n 1381

<210> 1760  
<211> 1027  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(1027)  
<223> n = A,T,C or G

<400> 1760  
aacncacccc annaaaanna anacnanaaa anacatcaaa aacanacnna aaaannnaaa 60  
aaaaaanaaa nnanngggaa aanaanacan aagaanggg tcaaaaaanc annnacatna 120  
cnatcnnaac nncgaanntn cnaaaaaacca ncncnnnnan aannnaggnt tttnaannn 180  
cncccaaan ttttntaan acacataaaa antttacngg ggggaggnat aaaaaaaat 240  
aaaaagtncc ccnccnatat tcaactacaa ntccacacaa catacnannc anaaaaata 300  
aantttnaaa ncctgnagtg ccnaataaa tgacacaaan tcacaaaaaa tatcanagca 360

```

cnanagncc attatcnaa acnctaaacn tnntgncnca acctnnanaa atnaaaanct 420
cncaacncat ctannanaca nanatanata aaaaatnaac ncantancaa atnnncaata 480
aaattaaaat aaatnngnnn naaaanccan tcananaatn atataagnac nnactnatat 540
acatcattct acatcaaact aaanaaaaat ccaantatnn taaaacnana acaatncaaa 600
acanccatac atananattn annttnanac tctaaaaana nncaattctn nnatcactac 660
aaancnctnn tnncantnac caactanctn nancanccta atcannanac tntnatnaa 720
atntattcct nanaacntaa caaaancacn nannanctnc actnnntact naatntanac 780
tnnataanca aatancaata nnncnanata annacannac acnantntna taaacaacac 840
tactacgtaa nctactacac nacacatatn nctaacaaat tnaacnatac gaccatcata 900
atntaaactn nttannnant nnctnntanc nactaaanat acaancanna aatntcttna 960
anancancnn tnctatnana aaacantaat caatctnact acnnntaacc aatnnncat 1020
atatnnn 1027

```

&lt;210&gt; 1761

&lt;211&gt; 670

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(670)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1761

```

ttatcgatt cggcacgaga cagtcacag gacctcagtg tgatacagcc aattgtaaaa 60
gactgcaaag aggctgactt atccttgat aatgaattcc gattgtggaa ggatgagccc 120
acaatggaca ggacgtgtcc tttcttagac aaaatctacc aggaagatat ctttccatgt 180
ttaacattct caaaaattgg cttcagctgt tctggaggct gtggaaaaca atactctaag 240
cattgaacca gtgggattac aacctatccg gtttgtgaaa gcttctgcag ttgaatgcgg 300
aggacaaaa aaatgtgctc tcaactggca gagtaagtcc tgtaaacaca gaattaaatt 360
aggggactca agcaactatt attatatttc tcctttttgc agatacagga tcaacttctgt 420
atgtaacttt tttacataca ttcgatacat tcagcaggga ctcgtgaaac agcaggatgt 480
tgatcagatg ttttgggagg ttatgcagtt gagaaaagag atgtcattgg caaagctggg 540
ttatttcaa gaggaactct gatgctctgc gtgggaccat gcctgactcc ccgaataact 600
gaaaaatggc tgaatatttt tatgggtact tggatattta tttncanga gtgagcctaa 660
nactttttcc 670

```

&lt;210&gt; 1762

&lt;211&gt; 1558

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1558)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1762

```

canggaacaa tcngantnnn tatnantacc ncnntgann nantnnttgn nttnnananna 60
antnacctng ngagtaanat natnncncaa ncnntcactn tncgatantn nntacgntta 120
ttnnantngn naaanttnat nnanaaanta anactaatnt cgtttntggg ggtntaattg 180
taccctngat acccnnaat ngggntanaa atttncaang tnnangattc gcaagcnant 240
tantcanaca atngnaatnn taaccennag tcnaaanangg ggngtntntt nttntntnnn 300
ntnnannatt naccceanta acnatnnatc atcnatnant agnctnnnga atannataa 360
ncanactcnc aatntcnacn gtacntatat cnntantana nntgtnaata gaancgaaan 420
agntnnagaa nnatnanaat ntgtcttnaa tnnancnnan ntaccnanng cggnnacnag 480

```

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naantancgt gnnngantaa cgacnagnna antcnnaatc ntacagtnat tcacgnntgt 540
antgctcata cgnnagcant gtcacntatt atcncancnc anttgnntcc ngaactgatc 600
naggnatcac aanatantan antacanata ttaactgata tttncangan natttnnacn 660
cantntanna ctcangancn tncgngctn gttgcacatt anancncnta acacacatca 720
cnatanacan cancantnna tacnctcngt gcagtaentg ntanctcttt tcatgaagnt 780
aatgncganc nttnagaaaa nancncanat tctnancnaa tacanngcta acatantagt 840
ataatacana tacganttn acatntgnca nttacattna gagcaccgnt ntacacaatt 900
gttcnactga ntatantnnn ngcagtaaca cgngctgtnc ntcacnngtc acnanannag 960
nanncntnac ntgtaattan ntgnagctaa atcnnacagnn agatanatnt aantatcngn 1020
catatcgtn tnttgataca nnntncnntc tctacgctnn cgcatttang anntcnatat 1080
agcnnanncn tnnctnnana annanncgta aatnatnctc tacnttnnat atntaacgaa 1140
tcntaanttn ntatctatnt atacanngca ctatcntata atggnacnat ttnntatcgn 1200
caaaantctt ntantatcna tnananantn nctngctnca nattantann aacnnactcn 1260
nccgntnnca agntntnnca nattanntn ataatcant gntatgatga tgagctcnca 1320
aancatcncg tagnttgntg tatacnncna gnnangtata agacnacttt ncacnnnact 1380
acgnatgact angannatat ttntncgeng tncctcatnc nanganatc cataanannt 1440
ggataanntt tactgagata cnatctnncg attacatnac nccactacat ctgtgattac 1500
aactanagna tagaaatnan cncntnccta ttctnaatnt atngantntg tgagatnc 1558

```

<210> 1763

<211> 682

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(682)

<223> n = A,T,C or G

<400> 1763

```

nttcnctgac tnannanctn cacaacactg ntancttgac tgtanctatg taataacatt 60
agatccccta attgtaatta tattgggttt gcacagaaca ctttaattctt cccctcacca 120
atgtgaagtg aggaatcagg agtcaaactg tagaactaaa atttgacttc agtctagcgt 180
ttccttggtg ttttttaggtt gctttggtta gtttaggttt gctatatttc tgattgctta 240
gaattttggt ttagcccttt aaaatcagat cataaatatg aattcatact tctaaggaat 300
tttcttgcta taagctggag tttaggtgat gtataggttc agttgagaca tttttggaac 360
aggcaaattc ttagttaaca taagatattt aacagttgaa gatagtgatc tggattttta 420
tcttttttag caagtaatgc taagaaccac tggcctgagc tactactctt cagtatacat 480
tattaggatt gcatagactt actagaggaa cagtttcagg ttttgatgct aatcagtggt 540
tgtgtcctaa agttgtcctt tgtgccttta aaaagggttg gatatatctt ctangtttaa 600
aaattgctta ttaaggaaat tcattttant aattgcaggt ggggaaaagt natgggtcaa 660
ntaaccacta gggttaagact at 682

```

<210> 1764

<211> 678

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(678)

<223> n = A,T,C or G

<400> 1764

```

antaacgaat tcggcacgag gcanngtggg gactaatata gtaaagtgtc ttatagtaat 60
acgtgagtaa tcattaattc taaagataga attattatta caataaaca actttagtc 120

```

catattggca gtttttctat ttcaaacaca gcaccagaga tcagagtcca cttgaaactt	180
acatttgtgt tatttaacaa tttttctgta tctttttcat tgggtgtttg ttttgtttat	240
cttttgtttt tgtttctttg gtttggtttg tttttgtttt gttttttgag atacgatctc	300
tgtcacacag gctggagggc agtggcacag acatggccca ttgcagtctc aaactcctgg	360
gcttaagtga ctcttctgcc acagaagatg aggaagaata catttttcat agtgatgggg	420
tctcactatg ttatctaggc tggctctaaa ctctggcct caagcaacce tccaccttgg	480
cctcccaaag tgctgggact atagacatga atcaccacac tcagcttcca tgtcttttta	540
tgaactangg ttcttaatta atcagataaa tttggtattt tcactctcta acttgccata	600
tgttttctgg gaaatcttat aagcagccga gagtggnggc tcacgctgga aatcccanca	660
cttttgggan gctgangg	678

&lt;210&gt; 1765

&lt;211&gt; 1415

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1415)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1765

ctnntaatat acnnananca actnncnntn nantatttta nentaanntg tnnactatn	60
taananantc tnnnctnaan acaaantnag tannctttgt anattcnngg naatctcttt	120
nagaannnat catntnaagt atatcgnacn agctcattaa tatnatngaa ntcnatnacan	180
nagaataata tcaannacta aatcaacacn cncaanntaa tctcgaattc gggncgaaga	240
nnaaacgcaa ctaggncacn ccgggngngn gnagaccnta caaaaaanat annaaaaaat	300
aattaataag ccacncttga ncctnattan gggggnnnnt ttataaaaaa anctntnnnc	360
cancanacat ataactnat atanaataaa ttnttactta naatnatagn nnantatnnc	420
tatnaggnt anataaanac tnaattaacn nanaatttna nattagagna gaaantcata	480
aanacattaa nanncgacta nctcttnaaa gtngttnaan ttgntanann catnnancnt	540
atactatatn ctatnntcct ntaatncaca gacgtntnt gagantnnnn ttcnntnata	600
nnntattctn attcagantn gcgnattata tatatnatna taaactatag anntcatatt	660
atcacanatt aaatanecgn ntccctcagat ctgctncntc ttataanttn tnganataag	720
tacnaaatac anatacactn tnanagtctt aaatatcaat angaacaana nttatatata	780
tagtacacgg tntcttatat nataananta nntctcntat taanntctcn nnctactata	840
tntcacnaaa annatcanaa tcgaanacat ntnnttatta ctncgtntnn gntacnnnc	900
aatgtcaaca ntttnatacn nccannaaat cttctnntn aatngncnga ntatacntan	960
cnnaantant ctngtagtt tatancaaac aggacaancc attantaaaa nctntnatna	1020
natnncatan tntctaanat atatctcnaa ttananacat anaatanaga taanntnatn	1080
atcnttaanc anantattan atantanaat anntnaatcn tnaantanna cnttntcctc	1140
tactancnnc tctntnttta agctatantg agttcncgca cntatntcgg atnctancat	1200
ctataacata ttaataatat nnatatatat nnagttctgt aacactcaca anacgcgctn	1260
anncgaaann ncagantata tanacatatc aaacnntann attatcttct cnttatattc	1320
tntttacaca ntctancnta nttntctana annatcatna acaattgttg cgactatcat	1380
acantcataa tcaccaanca gtcacggnga gngcn	1415

&lt;210&gt; 1766

&lt;211&gt; 673

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(673)

&lt;223&gt; n = A,T,C or G



&lt;400&gt; 1766

tntcacaatg	tgggaactgc	caaaccacaaac	tgcacgacat	cgacggcgta	cctcacctca	60
tcctcatcgc	ctcccgagac	atcgcggtg	gggaggagct	cctgtatgac	tatggggacc	120
gcagcaaggc	ttccattgaa	gcccacccgt	ggctgaagca	ttaaccggtg	ggccccgtgc	180
cctccccgcc	ccactttccc	ttcttcaaag	gacaaagtgc	cctcaaagg	aattgaattt	240
tttttttaca	cacttaatct	tagcggatta	cttcagatgt	ttttaaaaag	tatattaaga	300
tgctttttca	ctgtagtatt	taaatatctg	ttacaggttt	ccaagggtga	cttgaacaga	360
tggccttata	ttacacaaac	ttttatatcc	tagttgtttt	tgtacttttt	ttgcatacaa	420
gccgaacgtt	tgtgtctccc	gtgcatgcag	tcaaagactc	agcacagggt	ttagaggaaa	480
tagtcaaaca	tgaactagga	agccagggtga	gtctcctttc	ttcagtggaa	gagccgggac	540
ctttccccctg	cacccccgac	atccanggac	ggggtgtgag	gaaaacnctg	ccttccaatg	600
gcctggacng	gatgttttca	aactnttggt	cccctacgtc	tcaacaggcg	ctnacttgaa	660
tggnatgaat	att					673

&lt;210&gt; 1767

&lt;211&gt; 694

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(694)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1767

gnnccngtag	angnaattat	catgtttcca	gtccnagtat	tcttttttgt	tccacaaatc	60
atagatgtca	ccattgaacc	ttctgaagag	cctttatttn	ctgctgatga	attgtatgga	120
atagttgggtg	ctaaccctaa	gaggagcttt	gatgtccgag	aggtcattgc	tagaatcgtg	180
gatggaagca	gattcactga	gttcaaagcc	ttttatggag	acacattagt	tacaggattt	240
gctcgaatat	ttgggtaccc	agtaggtatc	gttggaaaca	acggagttct	cttttctgaa	300
tctgcaaaaa	agggtactca	ctttgtccag	ttatgctgcc	aaagaaatat	tcctctgctg	360
ttccttcaaa	acattactgg	atttatgggt	ggtagagagt	atgaagctga	aggaattgcc	420
aaggatgggtg	ccaagatggt	ggccgctgtg	gcctgtgccc	aagtgcctaa	gataaccctc	480
atcattgggg	gctcctatgg	agcccggaaa	ctatgggatg	tgttggcaag	aaccgtatag	540
ccccaagatt	tctctacatt	tgggccaat	gctcgtatct	caattgatgg	ggaggagaaa	600
ccaggcancc	caatgtgggt	ggccncgata	accaaangga	cccaaagaac	cccgggaaag	660
gaaancaaagt	tcttccagtg	cttgattgna	accg			694

&lt;210&gt; 1768

&lt;211&gt; 675

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(675)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1768

tttcgaagat	gaagaagttc	tcttctctgta	gaaaaagtag	atgttatcat	atctgagtgg	60
atgggctatt	ttcttctgtt	tgagtctatg	ttagattctg	tcctttatgc	aaagaacaaa	120
tacttggcaa	aaggaggctc	ggctaccct	gacatttgca	ctatcagcct	tgtagcagtg	180
agtgatgtga	ataaacatgc	tgatagaatt	gctttttggg	atgatgtcta	tggcttcaag	240
atgtcctgca	tgaagaaagc	agttattcca	gaagctgttg	tggaagtttt	agatccgaag	300
actcttattt	cagaaccttg	tggatattaag	catatagatt	gccatacgac	gtctatctca	360
gatttggaaat	tttcatcaga	ttttaccctg	aaaatcacia	ggacatccat	gtgcacggca	420

```

attgctggct accttgatat atattttgag aagaattgcc acaacagggt cgtgttctct 480
acgggccctc agagcaccaa aacacactgg aaacaaacag tatttctact ggaaaaacca 540
ttttcangtt aaagcagggt aagccttgaa aggaaagggt acagggttcac aagaataaga 600
aagatccccc gttctctccc cggaccctca cgttgaataa attcacctca aacttatggn 660
cttcagtggt aaacn 675

```

&lt;210&gt; 1769

&lt;211&gt; 661

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(661)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1769

```

ttntcgnntnn nncnancnan aaaacatctg gtttttgtgg cggggcgccc tgctcctggc 60
agactacatc ctgttccgac aggacctctt ccgaggatgt acagcgctgg agctcggggc 120
cggcacgggg ctcgctagca tcatcgagc caccatggca cggaccgttt attgtacaga 180
tgctgggtgca gatctcttgt ccattgtgcca gcgaaacatt gccctcaaca gccacctggc 240
tgccactgga ggtggtatag ttaggggtcaa agaactggac tggttgaagg acgacctctg 300
cacagatccc aagggtcccct tcagttgggtc acaagangaa atttctgacc tgctgatcac 360
accaccatcc tgtttgcagc cgaagtgttt tacgacgacc acttgactga tgctgtgttt 420
aaaacgctnt tccgactcgc ccacaanatt gaaaaatgcc tgccagccat actgtcgggtg 480
gagaaaaagg ctcaacttca cacttgagac actttggacg tcacatgtga agcctacgaa 540
taactttcgc ttcttgcttc accnctgga caacttaca atgggnagctg cctttttggn 600
ggancccccgn ggaggcctcc ttccccagtc tggttacaac cccttcacaa ctggactntg 660
a 661

```

&lt;210&gt; 1770

&lt;211&gt; 676

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(676)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1770

```

tttcatggaa ttacttttct tctagantan tancntctct nccactctca cttgaaccca 60
ctccaaccag gcctccccat ctccatgaac ctgatcttgt cagagtcaca aggacctcca 120
cgatctccac attgctaacc aaatgggtcaa tggtcagtct tcatcttatt cagctcatca 180
gcagtccata acttctctct ccttgatgca tattcttcac ctatcttcca aaacctatac 240
ttctcctggc ttttctctgc cttaccagta atgccttact ggtctcgttg ctggtccttt 300
ctcttctgcc ccactttatg cacagaaatg ccctagacct gccctttctc tacctatact 360
caccctctac tgcttgtgag catcttgagg tcagctctcc acctaccag ccccttgag 420
tttgagctca atacctgttt gttgaagtgc actgagtcgg gaaagtcggt tctgtcagtg 480
agcttctaca gaaaggaaag cctttgaaaa ttttttttga gaaaagaaga cggggcaaga 540
angggggccc ggaataaaaac actgcactcn ctccnanan aaaaannnna nnnnnnnnt 600
nnnnnnnnnn nnnnnnnnaa anannntnan nnnnnnnnnn nnnnnnnnnn nnnnnnnnncnn 660
nnnttaaant ntcnag 676

```

&lt;210&gt; 1771

&lt;211&gt; 636

<212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(636)  
 <223> n = A,T,C or G

<400> 1771  
 ccgttcctga tggagctgna nagccaccca caaacaact acccattttc ttttttggaa 60  
 ctcatgagac tgctttttta ggaccaagg atatatttcc ttactcagaa aataaggaaa 120  
 agtatggcaa accaaataaa agaaaagggt ttaatgaagg tttatgggag atagataaca 180  
 atccaaaagt gaaattttca agtcaacagg cagcaactaa acaatcaa atgcacatctg 240  
 atgttgaagt tgaagaaaag gaaactagt tttcaaagga agataccgac catgaagaaa 300  
 aagccagcaa tgaggatgtg actaaagcag ttgacataac tactccaaa gctgccagaa 360  
 gggggagaaa gagaaaggca gaaaaacaag tagaaactga ggaggcagga gtagtgacaa 420  
 ccagcaacca gcatctgtta atctaaaaag tgagtcctaa aagangacga cctgcagctt 480  
 ccagaaagtc aagattccaa aaccaagagg cagacccaaa atggtaaaac agccctgtcc 540  
 ttcaagagtg actcattact gaagaggaca aaagtaagaa aaggggcaag aggaaaaaca 600  
 cctaaaagca cctaaaagng aaaaggccaa aggaaa 636

<210> 1772  
 <211> 906  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(906)  
 <223> n = A,T,C or G

<400> 1772  
 tntnnntnan antannnnnn nancncnntn nnnnnnnna nnnannttnn ancntnnnnn 60  
 nnnngannnn nnnnnntgga nattcatnat ncancattcn nnnncnnntn ntccccccn 120  
 ccccnttccc ccccnccnt cnnnnntnna aantttttan aacaaggggg catantatga 180  
 atgctacnnc cctgtagat tctgaaaagt tggccatgtt agaggaaagta tttgtnagcc 240  
 ttgaaatctc cttcaaaagn gaatattgca tctgtcttag aaaattacca tacagagtct 300  
 aagattgatc gagacaagtc ttttatactt gaggaacaca tggacaaaat aaacagttgt 360  
 ttttcagcca atactgtgga agaaattatt gaaaacttac agcaagatgg ttcattcttt 420  
 gccctagagc aattgaaggt aattaataaa atgtctccaa catctctaaa gatcacacta 480  
 aggcaactca tggaggggtc ttcaaagacc ttgcaagaag tactaactat ggagtatcgg 540  
 ctaagtcaag cttgtatgag aggtcatgac tttcatgaag gcgttagagc tgttttaatt 600  
 gataaagacc agagtccaaa atggaaacca gctgatctaa aagaagttac tgaggaagat 660  
 ttgaattaat cactttaagt ctttggggaa gcaagtgtt ttgaaatttt tgagggtgac 720  
 aggcctttta agggataatt ttgtancatt ggnttggcaa tctacaacat gtgggncaaa 780  
 ttccancctg gctggctggt tttaatatac ccctgtaagc taaaaatggg ttcccgcat 840  
 tttaaantgg gtggggaaaa aaaaatcaaa agactaatta atttcatgga ccgtggnaan 900  
 ttatcn 906

<210> 1773  
 <211> 734  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature

&lt;222&gt; (1) ... (734)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1773

```

acnttntcga attccacga gagcacaagt agatgtaaaa aanaanaaaa aacccccccc 60
cngnggaaag accctnttta gggttngttt nggttttttt tgggttngt tttnggtttt 120
tttnnctntn ggnaaacccn ngccaanggg ccanancncc tatccngatt ttttnnag 180
ggcccntttc nnaanaatng ggtcnaccng gaaangnaaa aggggggggg ggggggnaaa 240
aaaaaaaaanc tnnngcmttg gnggntttaa aaaantttan nnccattngt tncaaananc 300
ncaannttna aaancaaaaa antcncnccc caancaaccc aaattttaan ngnncaaatt 360
nggcncnccna aaaaaacccc cctnnctnn nttnttngg ggcantntn anccccccc 420
aaaaattgnc ccaaaggggt ttaaaaaant aattttcct taaaggtaac ccttcccc 480
caaacacgca annttnggn ncttttttg atggcaaccn ggatanttaa ttgttcaacc 540
antttganaa annancntt tggaacctga aaaaaaaaa aaaaaaac cccccctt 600
aaaacttntg ggggggntt ttncgggaac cccacnctnn aanaaannt ttgggggggt 660
tggggnnncn cccntntta naantnnnnn nnnnnnnnnn nnnnnntnn nnnntnncnn 720
nnntctnnn nntc 734

```

&lt;210&gt; 1774

&lt;211&gt; 536

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (536)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1774

```

gmnattanat caactacttg ttctttttgc aggatcccat cgattcgaat tcggcacgag 60
gtcctcaggg aaaatggaaa atacattccc aaacagtctt tcttgacacg aaaatattat 120
ttcaacaacc cagaggatgg atttttcaaa aaaactaaac ggaaggtagt gccaccttct 180
cctatgactg atcctactat gttgacagac atgatgaaag ggaatgtaac aaatgtcctc 240
cctatgatc ttattggtgg atggatcaac atgacattct caggctttgt cacaaccaag 300
gtccccattc cactgaccct cgtttttaag cctatgttac agcaaggaaat cgagctactc 360
acattagatg catcctgggt gagttctgca tcctggtact tcctcaatgt atttgggctt 420
cggagcattt actctctgat tctgggcaa gataatgccg ctgaccaatc acgaatgatg 480
caggagcaga tgacggggagc agccatggcc atgcccgcag accanccaaa aaaaaa 536

```

&lt;210&gt; 1775

&lt;211&gt; 1014

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (1014)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1775

```

nntacgatcc ctattntnga aaatataatt tgacaaante cttncncttc ttnnanacta 60
nngngaaggg tnanatgang nnttcnact atagtgtgga gntcctcnc ctaggggtggg 120
tacagaaatc aattgccncc tnatgggggt tnanaataaa aatagtggng cacaagcnca 180
tnggtnncca aanccttcc tanaancaca anncannega cnggccacac cccgatnct 240
tnctcacac nnatnttcc ntaanancan annntcnann ncgtcanctc tatctaaac 300
catnctntta acatcttntc naccnntnn tcactnaaaa aancaccac gnanncacgt 360

```

```

ttanaacccc atctnaantg nactctaaca ccaatnaata ntaacaannn tatnntttcn 420
tctcnctana naatatncca tcaattctcn nnaactncct cantnnacat actantctnn 480
agacnttata cctattttnc tatacttncc cactntanct tatcanacnc accattctnc 540
tcntctcctt acnnntatat atcaananca catcttacnn tcatcacggc actanatanc 600
cacntcacna cctctcacca tancgacnta tccnattaan taacactccg agtncaacat 660
nccgnaata aaagaatacc ntctgaggta tcttattana tttttatcac atnnctacgc 720
ctatccnacr ntcgnagcat acccctnta tnnngnntc actnctataa tnccatcatc 780
taaacnncnn atcttacact cccncaaacn aatcaactct atntnannna taatatnana 840
cacacnnnna ctctttttcc tncntaatc tnaacatcnn ctnacatgnt acnnctaaan 900
actetnaact anagaccct ntactactnc acctctncan tntacacaac ctatctntac 960
tcncagctca cctgnnataa cnttacttcc tnccatcttc ttataactct tncg 1014

```

&lt;210&gt; 1776

&lt;211&gt; 716

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (716)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1776

```

agttccttgg ctgttattac gctcactatt atcaacagca agcacagcca ccaccagcag 60
ccccgcagg tgcaccaact acaactcaaa ctaatggaca aggagatcag cagaatccag 120
ccccagctgg acaggttgat tataccaagg cttgggaaga gtactacaag aaaatgggtc 180
aggcagttcc tgcctcgact ggggctcctc cagggtggtca gccagattat agtgcagcct 240
gggctgagta ttatagacaa caagcagcct attatgccc gacaagtccc caggggaatgc 300
cacagcatcc tccagcacct cagggccaat aataagaagt ggacaataca gtatttgctt 360
cattgtgtgg gggaaaaaaa cctttgttaa atatatggat gcagacgact tgatgaagat 420
cttaattttg tttttggttt aaaatagtgt ttcccttttt tttttttttg aaatggccaa 480
annttttatc cttcntgatg ggggggttant tttntgtga aaaaatnaaa atggnttnnt 540
tttnanattt aaggggaaag gccnctccc ccaaaggntt tccaattntg ggggtggagcc 600
ttnggaaaaa aangcctttt ncaaggnaac ttcccctttn aaaancctgt tttgggcttt 660
ccaanaangg attgnaacct caaananngn nnnnnnnan ncntttncct ttcccn 716

```

&lt;210&gt; 1777

&lt;211&gt; 928

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (928)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1777

```

cnaagactn tttggaaaac ccgtnccttt tgcaggatcc catcgantcg aaanttggac 60
cgggggaagg nntacngggn cccagaaant tttttttggg ggncncgggg ccnngnaggg 120
gggggtgntn nnttnnaaan ttnnaaaatt ttccantntn gggatgggga nntngggatt 180
nggttttntc ctngggcnng gccttaagga aaangtggaa aatggcctta aanantccnn 240
ggccttctta anaggagcnt ttaatttnac agngggcaagg ggctggtntt gganaacngg 300
ttngggctnt gaattnttta atataccac cnnnncnttn ggcttacact gnacaatngg 360
agatgttggg acagggtccc tgagatgcaa tcaagaatta agccgtagcc naggcatttg 420
gnccaatggg gnaaagggtc aaaaatnaaa ttttatTTTT tttttttccc ctttttttnc 480
cccttaacc ccccaattcc cccaggncc naaagnaaan ttttcttttt ttttcnaaag 540

```

gaaaaatttc	ggggccaatt	ccnantttcc	ntttaaaaaa	ccnaaaccaa	ntttcntttt	600
naaaancccc	cccccaaggg	cttngggggg	ggttcccccc	ccaatttttt	tnaaaataag	660
ggaaaanggt	ccaaattngg	ggntttcaaa	gggtctttta	aaccgggggg	gccccggggg	720
nagggggccc	tgggtttttg	ganggggna	aaaaacaant	ttaggttttt	gggaaaaaaa	780
tacccccggg	ttcccccttt	taattncac	tgggnccttg	ggttctttcc	aacgtngggg	840
aatgtgtgcc	tttggggggg	ccccttcann	aaaagaaaag	tctgggtngg	gcttcctaaa	900
ggggttgggg	ggngggggga	nacaacct				928

<210> 1778  
 <211> 1173  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1173)  
 <223> n = A,T,C or G

<400> 1778

cgaatccttt	gcaactactt	gttctttttg	caggatcccn	ncnncngag	gcannnnagg	60
nggagngac	nagngncang	acgggnnttn	taattgatan	aanaagcccc	cgcncacgg	120
gtntnnntnn	gggcccgggc	cnanngggcn	atnngccaaa	aanaataact	ccaantnccn	180
gnnagaacat	gacccggacc	atcnaangga	aatgaaacn	acacaaancc	agactcnacc	240
ntggcncanc	cctcnagaa	gccccaaagan	tcnngnccn	ngcnncggga	nccgagntta	300
cnnnngaang	cggnnaaen	ngngcccga	gccccaaagg	ntgncacgtg	gcannngget	360
ncnnnncaaa	caaaaaancaa	cccgnaaenn	ctccnanann	nnccccang	annncnaaan	420
ccaagntnct	nnncaaccc	ttanagcccc	ccnncaaaag	ncacgcactg	gngggaaactc	480
caagggngcg	angngngnct	cttncgacac	ccnanngcac	ccnacncnag	nannancnng	540
aggnetatcn	cancnttggg	gnnanaaggn	agcacggcaa	cccnctagna	naaaaangnan	600
ncanactnnc	anannccnng	ggtatncacn	ccaaanactc	acccgagacc	ccntcnagaa	660
gccaatncc	ctaacacant	ggngncanac	cnaaccnncg	tacaacagcn	cnacgnaggg	720
gctcacggga	nnntntggaa	nnaganaggca	cagngacnng	cncagtntgg	ngcccacanc	780
cngtaaaccn	tntanngntg	gngaggcnnc	gcgcatacng	ganancegac	ttncncacca	840
ctnnnctntc	ggaatcgnaa	cgccttanca	cgncaaaccn	ggcnacnnnc	nangggaaan	900
anagngggan	ncacccacca	ccgggganna	cnnacagntt	atcgcgcncg	cnacattggg	960
nnagngnnt	cacnataang	cccaccctcn	cncnatactc	acagtncaat	ccntacacag	1020
gncanngcan	aagnggnaac	ngaaatgcga	cncagnccga	nncaaaaang	ggggggggca	1080
acnggcacn	aaagcggnga	naccantaa	ngnggnnccn	ncaccncngg	gataataata	1140
ctntngnagg	tacacacnna	aatncggnaa	ggn			1173

<210> 1779  
 <211> 728  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(728)  
 <223> n = A,T,C or G

<400> 1779

agntttttna	ttcgacgan	ataaaatnna	tgngngnggg	anaaaattnt	aattttgaaa	60
aaatntagga	aagttcctac	caaataataca	tgtataaagt	ttattaaaag	tcataatgac	120
ccaggaatag	ctaataacac	agaagtagat	caaaatagaa	cacaatagag	aacttcaaaa	180
taaaacaggt	gtgagaattg	tgtgtgtgaa	aaagctgggt	tcaaataagt	tggtttgtta	240
gacattcata	tgctactca	tcagccattt	cgttctccct	tccttgctga	caaagcccca	300

```

tttttttttt cttttttttt ggcctaaaac tctgtatggc tgccttgtgc tatanaatag      360
gggtgcttccc tagcctanag aggggtgagtg ttgattagat tctgtgccaa tcatggtaat      420
tggcttactt gatcatttga tgggaatctag gctaacgaga caaaggaagt ctgaaggctt      480
tgaataanaa attttctgtg ctcttaacaa ttgatacaag ttagggaattt gccagcatcc      540
ctcttctgct tctcagtga natatgtgat atggatgttt gaagctaata tgcacagcct      600
tctgatggcc atgaaaggga caagtntgga gatgaaaagc tntcacactg ganaatagnng      660
ggatgtaaaa agaaaacncc tgaattgggc ctctgaatta accaatccca ggaactgggt      720
tcctttgg

```

&lt;210&gt; 1780

&lt;211&gt; 685

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(685)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1780

```

nnnactatac gatncctatt ntanaaatag gaccagtagc ataggtgagc cctgagcact      60
aaaaggaggg gtccctgaag ctttcccact atagtgtgga gttctgtccc tgaggtaggt      120
acagcagcct tgggttcctct gggggttgag aataagaata gtggggaggg aaaaactcct      180
ccttgaagat ttctgtctc agagtcccag agaggtagaa aggaggaatt tctgctggac      240
tttatctggg cagaggaagg atggaatgaa ggtagaaaag gcagaattac agctgagcgg      300
ggacaacaaa gagttcttct ctgggaaaag ttttgtctta gagcaaggat ggaaaatggg      360
gacaacaaaag gaaaagcaaa gtgtgaccct tgggtttgga cagcccagag gcccgactcc      420
ccagtataag ccatacaggc cagggaccca caggagagtg gattagagca caagtctggc      480
ctcactgagt ggacaaganc tgatgggcct catcanggtg acattcaccc canggcacct      540
gccactcttg gccctcagca ttattccatt tggaatgtga atgtggtggc aaantgggca      600
naagaccccc ctgggaaccc ttttctctca ntagtgggga gactanccct aggtcccact      660
tggttttata tctgaccana cagat

```

&lt;210&gt; 1781

&lt;211&gt; 1230

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1230)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1781

```

ccnccccnnn nnnnnntnn nnnnnnnnnn nnnnnnnng nnnnnnnnnn nnnnnnnnnn      60
nnnnnnntnn nnnnnnnnca nnnncnngnn gnnnnnnnnn nnnnnnnnnn nnnnnnganag      120
gngnnngnnn nnnnnnnnt ngggannnnn antntntgan gtnntntann gnnntcntnn      180
nnnnnnnnna nnnnnnnncn gccgcncnc nnannnnntn nccccnctc ntannnnnnn      240
nnnnnnnnnn nnnnangnta ncgaaantcn gcacgnggt attcatctc ttgtntntct      300
gccggtcnca aggctaacct ccagnatngt agntggcctt aatatcaggt nngacngtgt      360
gaaatgttnt anggggtttt tcaagaggaa aagttntagg cttaaaactg actggtaaaa      420
anagaatatt tctttgtatt tgatttttca gttatatgct ngtncagcc agttatcctt      480
cngtnaggtg ntncggtttg taanaactgc ncacatttgg nmanatntcg ncgcgcctt      540
catttgnan gaacnnannn ntnccttttg gttnccecaa tcccnnaact tgttnaaacc      600
atttggncat tanaaancat gtccctggtt taacctgan tttttacntn nccggcnnn      660
aaccaaacnt ntattcnacn tggngangtc nctttaganc ttcttctncc cgcantgaaa      720

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```

anaaccgggn gnntggggtn tganancat ataggggggt ctttctggc cccttcaccg 780
ggnggtgaan ctgcancctg aaagagcccc ccncatata nctntcnenn agnggggggn 840
gnttncgnen ntgaaaacta tncacntcc tnttgngnn gtngctngnn nttnacnana 900
tcgnngnntt gngnnatgcg nnacancat ngaaccnncn caacnctcn gtatttatan 960
ctcntncacn ngntctanc tncngnctcn ttntccccag gangnaante tncagtanan 1020
aanntccttn gntagnanca nngnnatct cnggtancct ancnnggggn gggaagacnt 1080
ctttgntctg ctntatnac aaanatata nacacngccg cgtttcttc taaaantctn 1140
tagcancgag gctccctntc aantanagge gtcacctct cnaactatac nangggngcn 1200
actntccct gncgcangca tctntggcca 1230

```

&lt;210&gt; 1782

&lt;211&gt; 1450

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1450)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1782

```

tnnttgntan nnncncttn ngttntntt nntngcttna nnncttenc nctctntnt 60
ttntntnnnn ntntntntn nnnnttcnn ttntactna nntntngntc ttgntntnn 120
nntangngag tggntntnct tctcccttt ngcatatcta tntattctnt nntnnntng 180
ccnccccct ccttntnnn cccccctnt tctntnnnn nnnnnncann ntgaacagnt 240
tgnggnaggg ggtttcttt ntctctntn ggccccccc tttgttttt tnttctann 300
tnntntanat nctgggtatg ttttncggg nctctntt ttctantnnn gggggnttt 360
tttacctta ttctccnce cttnactntc nantctcn nctnttnc actttctntc 420
tccatntant cttttgtnt ntntntttn ctgcacatc ttcttttnc tatntntnt 480
ctntctntn ttctctatta ttntctntt antntctc atattttatc tntnttant 540
actctcgagt cttnactnt cttcttgtt ctncnttcc atnttctat ctttanttn 600
ncatnnnct tactntntt nntctntgn ttnccttnn tntctcttt tancntncnc 660
ttntnttna tattttcnan ctaantnact ttncatneng ttattncnn cactntgtn 720
ttntntcct ttntctct ccttctntc nctnttcc tanngntcgt cttctntntc 780
ttntcctnnn cttntatct ctctatatct ngtttattct ctntcncgt cattagttct 840
ctctntctc tctntnctc ntngtttctn tatatantct ntctntntn tactntacnn 900
atntcatctt tctntcact tctcgtctt cacantntt anacngttct ntnttctcn 960
atacctntnt cctgntntt tctantccn tctntatanc ntctgttcan ctntattgta 1020
tctcttattt ttagctcctt ttntnctnat nctctccang tntntctat ctannctc 1080
cnctcacntn ncttntctat ntctcctc tntctatnta tntcactata ttgtntntac 1140
gcttctttnt tcttctaca ctcnngttt tctntnctt cctctntctt cttnttgc 1200
tctctctct tcnatnctc ncttctcgc tctntnct nngatcattc tntgctct 1260
cntatctctn ttctcactat ctccatntta cttgtctct gntgtntca gtcttactn 1320
cnntactctt nntntctc acttttatt tgcactctc tatntatct gctntntntc 1380
tctntcttt natnnatctc ttcttttatn tncgtagtct ctntntcnn ttcttntac 1440
ttctctn 1450

```

&lt;210&gt; 1783

&lt;211&gt; 700

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(700)

&lt;223&gt; n = A,T,C or G



```

<400> 1783
aaatcgataa ggaaaancgt gaagtcgata gaaatgaagg cctgaaattt gcacgaaagc      60
attccatggt atttatagag gcaagtgcaa aaacctgtga tgggtgtacaa tgtgcctttg      120
aagaacttgt tgaaaagatc attcagaccc ctggactgtg ggaaagtgag aaccagaata      180
aaggagtcaa actgtcacac agggaagaag gccaaaggagg aggagcctgt ggtggttatt      240
gctctgtggt ataaactcct taactgctat tttagggacc ttgcagtttg cacataattg      300
ttttatatca tagcagtaaa tatttgcaag aaatccact catcgacccc gggtaaaatg      360
ttatggtaag catgcacagt ttgcagtcta cagttttttt atgtagcaca aaataggtgt      420
acctttataa gtacattcaa ttttatgatt tacattttatc atgtaatttt taaaaaaatc      480
catctatcta ggatatgttg atacaaagtc tgcttttgct attctttttg cttaaatact      540
cctatcattt tctgaattac ttggtattta aaactcctag cccacgggga agaatagang      600
tatcatcaaa cgtggcaaat tttctttcag gaataataaa gagcatgatt ccccaaaaaa      660
aaaaaaaaaa aatccgnccc ttaaaactnt agggngcgtt                                700

```

<210> 1784

<211> 1144

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (1144)

<223> n = A,T,C or G

```

<400> 1784
gagnnacant gnggnactnn tcnntttcnt tttttgccaa aaggaccagt atcataggtg      60
tntcttgagn gngaaaanga gctatttcct ggggnttct tcnctataca gcggagntct      120
gtccctgagg aggctacaat anncnaggtc nctcnctnt gcaagaaaat aatactngtg      180
gganccgata nncttnnnnc tngnaatgtc ctgtctcaat agtcccanag aggtaaaaaa      240
aggangaatt tctnntnnac tttatctggn catnngaang annгнаatna atncanaaaa      300
ntgcnanann ttaccntcct gaacngggng ancanccaaa atantntatt tnttactcgg      360
ngaataacnn tttatngnct cttanaagcc anatngnttn nggnaatatt gnggggtnac      420
cttnccacan nggnntaaat tcacngngtn gnncnaance ccttnggnat ctttnnecct      480
nacnnnnncc ttnggncacc nantatnntc cacacttaat tcttggtaan nncttnttcc      540
ggcagnntct atacgtnggc tntntnctnt cantcgcgat anntnnnact tnttttnact      600
tctcnnaatn ntcanaactan cncnctaata cttttaacga gnnganacac taantgtntt      660
tatcgaaatn ntnaaatacg tannatcttt ntctttatca ctcatatgnn tattttntac      720
ccccngtntn atntntcntn cctntncccc ccccgatga ntcaccctnn atctattcgg      780
caactttaca tcnanangtn tgntgtccct nctctatnta anaaacgnnc tcactacttc      840
atcccaanta nnnncattcc accctcttag tnaaanntnt nttngataaa atatgcttgn      900
ggtgncgggt ncacaaaaaa natgtttngn ggtcnaaaa atattantaa nccccccct      960
naccnccngt gtgtnttnaa ncactntntt cattttctgc ncccatntct cnnetcgtat      1020
nnatcctate ngcggnncta ntatctttt agtaggtanc anctnntatg gtctntctct      1080
ngantcactc antgggtgac tancnntaat ttaattcnnn cgngcnctnc tcccnngtnt      1140
nnnc                                              1144

```

<210> 1785

<211> 702

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (702)

<223> n = A,T,C or G

```

<400> 1785
atgcatctga gaatgatgag cgcttatcta acccccagat tgagtggcag aatagcacia 60
ttgacagtga ggatggggaa cagtttgaca acatgactga tggagttagct gagcccatgc 120
atggcagctt agccggagtt aaactgagca gccaacaggc ctaagtgccg gggtccctgg 180
cgttggtgac atgctgcagc ctggaactct gatctccagt gtgactgcaa agctgtcttc 240
tcactggtac tgccttgtga gtactggttg gactgtgggg catgtggccg ctgcagttcc 300
agtgggtatt tctaagtcta tgacaggaca ggctgttctt gcttcagaac cttctctgac 360
agacacggta actaaatgtg aaaaaccaat aagctggtga ctcatgaata cacacgagga 420
aaagcagagg tttattttat ctgccttttc aacatttctt tccctctgtg aaatgattgg 480
tcagatgtct ttgagaagtg ttaactaat tcacatggta agtgtagggc caacatacaa 540
agctaccagc tctaattgtt atagtagact ttggggaaaa gcgaattttt ttcattgatt 600
cattctgaat agttgaaatg tatatttgta cagtctttta gacctattca agtgatgctc 660
atgatcctgt actgngtgc ccatcataaa tttctttttt ta 702

```

<210> 1786

<211> 723

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(723)

<223> n = A,T,C or G

```

<400> 1786
anntttcgca ttttttgcct ttacaaaaag gcattttgtt atactacagt gtaaacctca 60
tttttttcac tccaaaaggt agcagccctt cttcttccca ccttggacct gcctttcact 120
ccttgggcac agagcgcatg gtaccattga tgtttggttt attccaggat ccaaggagct 180
ggttctgctg gttggaccaa acctcgtgag ccagccaccc ctgacccaaa tgaggagagc 240
tctgattctc ccatccggga gcagtgtatg caaacttctg ctgctgggga aatctcatca 300
gcagggagcc tgtggaaaag ggcagtgcag tgaaatctgg gaatggctgg attcggaaac 360
atctgcccat gtgtattgat ggcagagctg ttgcccacaa gcgcctttta tttagggtaa 420
aattaacaaa tccattctat tctctgacc catgcttagt acatagacc ttttaaccctt 480
acatttatat gattctgggg ttgcttcaaa agtggtattt catgaatcat tcatatgatt 540
tgatcccca ngattctatt ttggttaaat ggcttttcta ctaaaagcat aaaatactga 600
ggctgattta ntanggcaa aacatttact ttacatatcg gtttcaatac ttgctgggtc 660
tggtacacaa gctttttacn ggttttttgt acaatnaata ttttgagtta aaaatgggta 720
cat 723

```

<210> 1787

<211> 763

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(763)

<223> n = A,T,C or G

```

<400> 1787
nngantcnnn ncgagaaaag tctccacct tttctcctnn aactnctctc ctttctntcc 60
ataaaaagaa aaggaaagga acaaaaagaa aacattcagt ttttcttttt ctgaaaaagg 120
taagtccttt cctgaagtca tcaaatgaaa cattatctgg aaattagttt ctaatgttgt 180
atatgaagaa atacttanat ataagttcct gcagtattta ttagatagtt gtacctgtaa 240
actcacctcc ctagtanata agagtttcag gttaaatact ggaacatata taggcagtca 300
aaaatactct ttaaatgtca ttcacctatt taaagccatg ttttagcact ttttangcca 360

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aagaangtct gatagtgcct gtttttatgt tctgtactct cacaaactnt gttactcaaa 420
attatngcat ggcangagag attggattat ttatttccta tatctttata aagtaaaaaa 480
atctttctaa acaacaaatc ctaacattat tactggattg tttcctaatt tatectccct 540
nagttgaatg ntaacaaagc ttttccagct gaatggaatg caccttanct gataaaccag 600
aatttggncc tttnttttcc ctnccttttn tttttgagac aggttctcac tctntnacc 660
gaaggtnnga gtgcannngt tttgatcata accttgactg nagecttcaa ccttntgggg 720
ctcaaatgga tcctttcact taagcctnct ggngtangtt ggg 763

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&lt;210&gt; 1788

&lt;211&gt; 1024

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1024)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1788

```

gnttaatacn anatactcan cttgctgcct gcaggtecca tctntcgaat tcnggcgana 60
ngntgggaat aaantgcctt gnggattnnn ctccattgnc nntttggcac cnaaangttt 120
ttattcnaaa nnaaggaant ttagttcttg tnaatncaag cttgnaaana ggcccnact 180
ggggtggncc aattgcattt aacttgcaact gaatccttnt tocanctttt gcnttgnggc 240
tgcttngatn antgagggan ttcaantaat ttgancnct aatggtattt ttnaaattng 300
gacntttttt ggancctcta agtaatgat tgaataatcn tngagcaagg gggaacaatt 360
gccttgnttt atnnngtggg ggaacttcaa nggnnnnnnc ccccaacttg ggacctcaat 420
ttttcaacta atgttttnca ataantttt gaaaaaaaaa acctgnngcc ntntttttgg 480
ngggcaaggg aaaggnnctt ttctnttng gcttgngnga aatcaaggca attccttggg 540
tnccctgggg aaagccttg tcaaaaacan ttaaatncgg gaaaaccaat tttcttttt 600
ccaanaaant nnaaattggn ttgggtaaaa gttnttttg gnaaaaaatt tggaatntgg 660
tnccaaanaa aaaaanaggg naagtttcan aataanncat antttcaaac aaggttttn 720
ttntaaaacn aanaaaaaat nggntnaaaa anaaaatann ctttcanttt tcaaattttt 780
agggaaaaacn taaggttccc cngggttcgg ggggttttaa taacctttt ttgacttggc 840
ttttttaaan ctttagcccc ctttagann anggccaaa tgccnnggtn ggaagnctnc 900
aaanngggcc cggattattt ttttgnacca antntntgtg nataaaaanc ttggggnaaa 960
aattccctta acntttacnc naaaaatttt ggcttnttt taaaaaaatt ggnaaantnt 1020
gntn 1024

```

&lt;210&gt; 1789

&lt;211&gt; 700

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(700)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1789

```

ttanatacan ctacttggtc tttttgcagt accctngatt cgaattcggc acgagccctt 60
tgagatttct ggctttttgt agggacctca gtccatttt cccaactcat gggttctcaa 120
taccttaact ntctnttatt tgtcaaattc caantcctca aaatcnccca ccattacctg 180
accnctggn agtcaccaca ccaccttncc cactttccca gggatgctta tgnattagct 240
taaatcctca ccattctgat ttgtaatgcc gnccccacc ctttttttg acacctggga 300
gttancctnn ctttctgna agatcanct cacacanacn agcacatttt cttatnatac 360
tttatctaga aaacccatgt gtcantggca gaagcatcct gaattntggt agancattgn 420

```

ntcgtggtgac	tggaaacctcc	tgaacacacag	cagtgggaat	tgcttgtaat	ccgctgngtc	480
tatcatcaac	aaaagnnaat	attgtatattt	ttcaggggta	atttaacata	agaaggttaa	540
catttnccat	tcaatttaaa	actaaaaaca	ngcccgggtg	cggtggctca	cgctgtgat	600
cccanccttt	gggagccga	ggtgggtgga	tcacgangtc	aaggagattg	agaccattct	660
ggctaacgca	gtgaaaaccc	gtctntacta	aaaaacaaat			700

&lt;210&gt; 1790

&lt;211&gt; 960

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(960)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1790

gagcaagaac	cctttggaaa	accccnngnn	nnttanaaan	gaaannnnn	nnnnnnnaag	60
nnagnnnnng	agngtacaac	gaanngagan	nnaccanntt	tttaaagaan	gccaaaaccc	120
gcaaacacnn	angggggagc	anncgaaaaa	aaagcaacng	aagcnnntaa	aggngaccac	180
cacccnngga	cccgaancan	nanggacggc	accggggcgca	agcngnncac	ccacccctcc	240
ggatggaang	cccgaaaaaa	aganactnnc	aaaaangnga	cgcccgccna	aagancctgn	300
gnangggcaa	agcccgcaac	ccnccgacng	caaaaaagaa	accccccctgc	gcancaaacg	360
aaggaccnac	agccacnnn	gcgagacacc	ngccacagan	gcccagcnn	ccccccnggc	420
ccnacacnaa	agaggaancc	accgcnngga	nccccgagcc	cacancgggc	cntgcccnn	480
aactcnga	agccaanact	ggcacccacc	anccacggcn	gacaatcgga	nannncnanc	540
naaaaaacggn	aaaacaatcc	nnaaagcgaa	ccnggggaaa	accccaggng	cngcacnngc	600
gcngcccca	gnangacngg	cnnanancg	ccgggnaaaa	ccccacngga	acacaccac	660
aaaaagggna	ccggggaacc	cannnaaacc	gggnnaacan	cgccgctcnn	gccccaaaccg	720
ngaaccccc	ccccnaaang	naanacanca	ggggnngcga	nnnaagcccn	cncacaccg	780
aaagcncan	ccaccnagac	cncanacccc	cggnccgccc	cncacaaaaa	ancacatagg	840
cgggcgcaag	ccgnantnna	cgcgcaaacn	aacgcnagna	ccggggannc	ngaaaaacaa	900
accggggacc	gancccnccg	gcgnnnaaan	ccccnnnnnc	nagnagncgc	nncccccnna	960

&lt;210&gt; 1791

&lt;211&gt; 743

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(743)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1791

ncngctnget	gcctgcaggt	cgactctnna	ngatccnggg	nnccgagetc	gaattcgccc	60
tatagtgagt	cgtattacaa	ttcactggcc	cgctgcttta	caacgtcgtg	actgggaaaa	120
ccctggcggt	acccaactta	atcgccctgc	agcacatccc	cctttcgcca	gctggcgtaa	180
tagegaagag	gcccgcaccg	atcgcccttc	ccaacagttg	cgagcctga	atggcgaaatg	240
gacgccccct	gtagcggcgc	attaagccgc	ggcgggtgtg	gtggttacgc	ccagcgtgac	300
cgctacactt	gccagcgcgc	tagcgcgcgc	tcctttcgct	ttcttctctc	cctttctcgcc	360
acgttcgcgc	gctttccccg	tcaagctcta	aatcgggggc	tcccttttagg	gttccgattt	420
aatgctttac	ggcacctcga	ccccaaaaac	ttgattaggg	tgatggttca	cgtagtgggc	480
cacgcctga	tagacgggtt	ttcgcccttg	acgttgaggt	cccgttcttt	aataagtggga	540
ctcttggtca	aactggaaca	acactcaacc	tatctcggct	atcttttgat	tataagggat	600
tttgccgant	tcggctatgg	gtnaaaaaag	actgattaac	aaaaattaac	gcgaatttaa	660

caaaaattaa cgcttacaat tctgagccgn atttctccta ccattggcgg atttaccga 720  
atgggcntct agacaattgt tgn 743

<210> 1792  
<211> 921  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(921)  
<223> n = A,T,C or G

<400> 1792  
gncngaccct ntgcacacna ctcnngcctn tttgcgggng gnancccaa cngaaccgc 60  
cttnaagngg nggctnctnc caannntaa cccgggaana annttttttt ttnacangan 120  
cgaanccaan ggnnaannng ngngaaagnn tnantgggaa aagnannnta aancaataa 180  
cnnttttaaat angnntgnaa aaaaaaantg gggngggacaa attnttaagg ncaaaantnt 240  
gggccaana anttaancaa antggnaaat tntcctggng gtnggggaan tnnctctta 300  
nggaaatnnc gcccaagnt tcctaacaaa cggngccaag nnaaggggcy ggcnggnagg 360  
ctncatgggg gacatgggg gacntctggc tcaagnctgn ggacccgnaa gggaagatna 420  
ggatgntggt cngggggcan ntaattnnnc nnnncgggtt aatataattc aactngngg 480  
gaatacctaa tgccaatggn aaaataagaa ctaatttttt anaaaacttt tacatgcttg 540  
ggttaaaatt cagaaaggga aaataganca aagggaata taaaatattt ttcttnnaaa 600  
aacttaataa aaatgcgggn tgacaaaana ancattttca tcttggcagn aanaaagttc 660  
tcaagggacc taattatggg gggggatact ttttngaaaa agaaaaangc tggaaaaatn 720  
aataaaangc tangaatgtt tctggcccat tatgaaaaga angaaaataa aaggnttca 780  
aaaaataatg aaacantttt cccgtgcnaa nmnaaaagn aaanttanna angaaaactc 840  
nnggcctntt aaaaacaaan angggggggc ggtataaacg gtagatccca gaaaaggana 900  
aaagaaacnc atgggaanga n 921

<210> 1793  
<211> 1127  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(1127)  
<223> n = A,T,C or G

<400> 1793  
tanttccctt ggaaacaata tgcaatgtga agcggtegen ctgtgagttt agtaaggctg 60  
tgtacactnn cacctttggn ngcatgcatg tgcttggtg tgtgtgggg nntttntta 120  
ggcatnannn acnctcgcc ctccctgctc tagtctggg atgtggcatg cnagcagcgg 180  
nnggcctntt ttcagatcat ggcattnaan agagcnncca nacatgtctn ttnncatnt 240  
aanaaanana atcctntnt aactgcaatn nacttnaang tanctcagan nttatnctc 300  
aactanncca cntnaaatca tnnttcattg acntntncnn attaaacaaa aaacanttg 360  
taccnaattn ncactnnac tnaancnnan ncttcnncta natctcatgn cttaaantan 420  
tattaatacn acntcnagtc tatntgnacn aaactcntat ncntccacct antnnnncta 480  
gattaannan ntngctaate acttantcan tgacataatn ttnttaanat atcnatgnct 540  
atnatannca tanaatnaca attgctcnaa cannnncac atcannncac tntanatn 600  
gatacgactn acacanant agtncatncg acntttacnt cgttacctat cagancncna 660  
tatactacac cctacgaatc ttntatnatn tgnatatcta ttanaatata ctnggangtc 720  
aagtactctc atgantcgag cttantacat aatttctcat accanaaggt ancatacatc 780  
nttttcaant acnccatata tttacatanc ncntacanna cttataccnc gtaagcatna 840

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atattactgn ntaccatn ncatatatta ntcgacgatc nngnncactn cntcaatgmn 900
tctacatctn nctctcatct aannnancctc atnnanctca acatncgatg ntatnatnnt 960
atacnanan acctnttctnt cntatngtna cngtcctnac tattacttct tacannatan 1020
antattatat nnctactnca tcangtatct cttnttenta anantantn antatnanta 1080
nctanacnnt ntagnnacac tcgnttgcat ctngntctgc antatcg 1127

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&lt;210&gt; 1794

&lt;211&gt; 791

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(791)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1794

```

agntaccctt agctcgagtt ngctntctga tnngtgggcn cccnngcatg ngcacatgna 60
anctagggaa agaattnnanc ttgagatcgt caaagtggagg ggaagagggg ggtaagcaaa 120
ggagaaatgt tatatggggg tgggaggttt tgtgtttgta aatctggagt gatgggcatg 180
ttcaaagtct tctgggaaag gagctaatag gagagaaact tagcccttcg aaaaacagga 240
agggatggat cctagggggag agggaggaagg attggcttta gaggaagat gtcctttacn 300
tgaggaaaag gaagaaaagg tgggtttaga tctaaatctg taggtttgct gttaggaaat 360
taaggacttt tcacctttat ctctgaaatt tctctggagt tagcaaggca aggtcataca 420
cctgaataan gagggatgag gcattgtgat atttgcacac atacaggtnt gtnattnctt 480
tatgggagga aaaggggaga agccactttt tgtcaaaccg gccctgtggg cttttgaaaag 540
ccccttttgg cctaccaant ccattgaagg tgctcanaag gatganaaaa gcttcaaggg 600
taanaagcan ttnttccaag cctgcgcnct tnaaaaaana gtgcnaatac nanaaccagt 660
gggaaaattg ggnaaatttc ccattccttt ggaatcctt ttagaaaagt taccttnaaa 720
aaccttccca tncctngaa nangggacta ncaaaaantta aaattttant tangnggggg 780
accncttttc t 791

```

&lt;210&gt; 1795

&lt;211&gt; 715

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(715)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1795

```

tacaagcttt nattcttttt gcaggatccc atcgattcga attcggcacg aggtgtccca 60
agtgtccgga gcaggcggca gaggcctcag tgcggcaaac acagccccag agcctgtgtg 120
gcaccagcag catcttagag cccaggtat atgctgagat cttatctcac gctgtcctcc 180
agtgtctggg gggcccaaat gatggcacag gggcaggtgg gctggagggg cgcagatgcc 240
tgtgttcang gaggtggcc accatgggccc gaggtctcac ccaagacccc ttgctctgct 300
cctcaacctt gcagtcacgg cagcactatg gtggactgcc atggccgtgt gactttgggg 360
gcaagtggga gggcgccctg aataatgatt gcaaggacaa cangcaaaaag ctaccctana 420
ncangacaca nggtgtggta cttgacaacc ctantgtcac ctcaaatacca tgtcccacac 480
tttgggcat ggggtgggact tgtgaacctt acctgtcag gcggacaatg gcccaagaac 540
cattgangac agttgtgtgc cacttgaaa aanaaacttt ttgnaaaaa nccttaatt 600
aaggtagaan aaagccaaaa aaatcttntt ggnccgtaaa acccgggctt ttnttaattt 660
attcggccaa cnttnttngn gattgaacct tttgattnaa acccnggcn ttgcn 715

```

<210> 1796  
 <211> 1429  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(1429)  
 <223> n = A,T,C or G

<400> 1796  
 nnnnngnnnnn gcgcncanc tnnnecgnacn ctncngtcc acnctagggg gggngggcnn 60  
 tatntgaacc cccccccct ccccccccc ctntttaagn ncntcgantc gnacgggttn 120  
 ttatcctnccg nccccgggag gggactana ccnngggccc ccggnccgtt ngnggncttg 180  
 ggccctnagg ngngnggggg catttgntaa gatnaccanc gntcacntct agntctaagn 240  
 nnggnantna tacntntaca ncanctagn gtggncccag natngnctca agcaannnca 300  
 cnetgganac cgcaccncc gcgcgcgcg cnaantcnn nnaangacta tattntntn 360  
 nctagccncc nttacntnt nntcaacnn ggaangnagn cngatncgaa caccnngggn 420  
 ctccaacnaa acnngnttcc acgacaagta tatncgcgc gcgnangata ggnngnaaag 480  
 cntcnntngc gnnatntct tccaggcccc gnetggang tntgtcngtg cccaaggaca 540  
 tgacntgggn gacaggntcn ntccggcata nancccccng attnncccn cacaacnggg 600  
 gggccngnca ngggggcana ggnccccaa tgtaaangcn ccnctcccc aacgctnttg 660  
 gagaaanaag gttctgggtc acaantccta ttntnnggga canaagnggg ggcaacncng 720  
 gggcnaaact anncttgggg cgcnaanega nngtggggng ccgcccacca nagngcgacn 780  
 agggggggaa ncagntnecgn gngncccnan ancatgcctn caaaggaccg cgtntnnggt 840  
 cnntcgtnga annanccgtc gtgtncann gcgtanggta ntcacgttac cgtcgtactg 900  
 ctctnccgac nngcaccgn anccntgcgc cannaacgca cgntngncnc cgcnaangnng 960  
 tgnnnnccgat ncntacncac gtnacnncc gcgtacntnc cncacgncac gacctcgttc 1020  
 ngtgccggaa cgcacncag gncaccactc tcnccctcgg catcagctnc acngntnnca 1080  
 aannaccgac cgtncacgcc ggctctntcc acatnnatct nnaggctnnt gtgacangtn 1140  
 tnnnctgcnt nccncacgtn cgntatctan cgcnggtaca cccacnnccn actgcgagcg 1200  
 tcnnccntnt nttnnccnng cnncgctnan gtgtcgtctg ctacnccatc tncngntcnc 1260  
 nnnnancggc atcttaancc cntctcacag tgncttcnnn ganacgcggn ccctagcget 1320  
 gcncgccng tncgatcng tccacngnc gagactcntg cncggnggct ncnnttgtaa 1380  
 gtcatnaaca caccnccacg cnetgtgcnt ntgtnacgn ncnntnccg 1429

<210> 1797  
 <211> 850  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(850)  
 <223> n = A,T,C or G

<400> 1797  
 canctnnnnn ncanntcggg taattgncnc anactgtcan tatganatna tcantgttgc 60  
 nctnngggaa nnggtgggct gnttcataag gacnccnnt ncattgnaac gnnngannatt 120  
 ntgaccagnt cccnctnnnn anttncctnn tgganttgc caantcaatt tnnncttctn 180  
 tgccatncag acttcncca attctattng aatgtntgt ataancntnc ntcnnntatn 240  
 angaancnnn ttngnccact nttcattnat aaaacannn nancatntn ttaatannc 300  
 ttatnatggn atncntatag tttggtgntg tntnnggetn atcancctag gccntttnc 360  
 antntttnt gnnngtagtg ctcacanngn atnngntgga aantntcctn acgctntcna 420  
 aagancgctc cgnnatngcg tccngntcn tccnnnttgn tgannacntn ctnntntnn 480  
 cctaanannn gccnannan ttagcnaatn tgctntata nngaagtggg tatttctta 540

```

antataaann ttntnancg angnttnnan nggntangcc nantnnnccn tnatatnnct    600
ngnnnagann gntnnaaacg nacancttnc tgcancatcn tngccctann gnanntgaan    660
ntcctaaagn tggngngaa nannnnntaaa cacctgtntn gnccgcnnntt attcnnttca    720
cccctatnan ctannccntt ctntcnatng nctctntnaa ntaaaanncaa atanatatnc    780
nntcacncng tnntncnaac cntntagtan agcngtntnt tatntgcnta accnnatnna    840
catcacncng                                         850

```

<210> 1798

<211> 770

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(770)

<223> n = A,T,C or G

<400> 1798

```

cccnctntnt aantccgcnc gaagnagaac angangcacc ctacagggag ctccagtttg    60
aggnncgaca ggcacttcgg ccaantccct gatggcttcc gtccattact tcacaaaccg    120
cttccacggc tgctcctcca cacgcaccga gccatgagga gctgcgcctc tgagagcctc    180
ttcctgcctt actaccgcc anactcanag gccaggangc catgccctgg ggccacaggg    240
agggtagggt ggctggatgc cacacagatg gtctccgtgc tggctcactg aagagctgag    300
cctgtggctg gcctcagaat caggctgggt gcagtggctc acacctgtaa tcccagcatt    360
ttggggaggct gantgagagg atcactttga gctcangagt tcgagaccnn cctggccnac    420
atggcnacac cccatttcta caaaaaattt gtaaaattag ccaggcatgg tggcgcacnc    480
cctgtagtcc cagctgcttg ggaagctgan gngggagaat cactttgagc ccaggagttc    540
caggctgcan tgagccngga tcatgccact gcactccagc ttgtccncan aaagacnact    600
ntnacccccc tttcccccca naaaganatg gcaacaagct tggncanccn tggngncttg    660
aatgaaacca nnanatgttt cgctttggat tcccaacggc ccttggcacc ccctctacgg    720
aaaatnccan caaannaana aattttttcc cntttgctn naattgtggn              770

```

<210> 1799

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(761)

<223> n = A,T,C or G

<400> 1799

```

ccccnttcta ttgccccgag gcgaagcagg ctntttgctc atgtatccaa gttgctgtca    60
cagtgtaaaat ttgatctgtt ggaagaactt gtggccaaag aggtgctaca tgcattgaaa    120
gaaaaggtta cttcactacc tgacaaccat aaaaatgccc ttgctgctaa catagatgaa    180
attgtattta catcaacagg agacatctcc atttactatg atgagaaagg aaggaagttt    240
gttaacatcc tgatgtgctt ttggtatcta accagtgcga acatccccag tgaaacttta    300
agaggagcca gtgtattcca ggtaagttag gggaatcaga atgtggaaac taaacaactt    360
cttagtgcan gctatgagtt tcagagggag ttcaccacaa ngagtaaagc ctgactggac    420
cattgcacgg attgaacact caaaaactat tangaataat tttcttggaa aaatcanctt    480
atggacttta accagtgtct tgtgaaaaac taaggaaaga aaattttggg gncatttgat    540
ccttcactta atctaagtc tggggaatta cttnttatat tatttttgaa acacttcttg    600
centattttt ngccttnata cnnntcacia gcatttttnc caaaattgnt attcaccctt    660
ntttttaaaa gnnanntcca aaaaatttaa aaaaatacca tngccccgn ttggtngngg    720
ttcatattcc aatnaacatt ttccatgnnt cnnattann a                                761

```



<210> 1800  
 <211> 758  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(758)  
 <223> n = A,T,C or G

<400> 1800  
 nncntccatt cgnacgaggg cgnntgaatg tagtctcacn ctccgagtag ctgcnactac 60  
 aggcgagngc ctccatgccc agctaatttt ttgtattttt agtggagacg gggtttcacc 120  
 atgttggccca ggatggtnnt gatctcctga cettgtgatc tgtccaccgt ggcttcccaa 180  
 ggtgctggga ttgcaggtgt gagccacagc gcccggccaa aaaaaggaat nnttaagagg 240  
 aaaaagaatg ctaccaacct aaccacattt ctatgactgn ttatatatttt ccctgttcca 300  
 catacntaca tttttacata gnacgntcat tgcagcatga gttacttttc actnaatann 360  
 ttttaaacad tttccancng ggtgtggtgg ntcagcctg taatcccnac ncttgagag 420  
 gccaanntag gcttattggg tgagtcangt gttnnagact agcctagcaa catggcgaaa 480  
 ctgcancctc tacnnaaaat accaaaaatt anccangtgn gctggtgcnc acctgtattc 540  
 nggcttctca agaacnctnn tgtgggaccn ntttgtttga acccnacgag gnangaaggt 600  
 cgccctntnc cccctctnct cccccnttn cctnncctn nctnngttct ccacccnta 660  
 cnttanctt taanntnanc tcaanatncc atcctnancc accanccctg tttacntccc 720  
 tcnattaanc cgnnncnaca ctttccctgc ctctntcn 758

<210> 1801  
 <211> 735  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(735)  
 <223> n = A,T,C or G

<400> 1801  
 acctcgnnaa ttccggccan aagacacata gtggatctgt atggcgtgtg acatgggccc 60  
 atcctgaatt tgggcagggt ttggcttcct gttcttttga ccgaacagct gctgtatggg 120  
 aagaaatagt aggagaatca aatgataaac tgcgaggaca gagccactgg gttaaaagga 180  
 caactctggt ggatagcaga acatctgtta ctgatgtgaa gtttgctccc aagcacatgg 240  
 gtcttatgtt agcaacctgt tccgcagatg gtatagtaag aatctatgag gcaccanaty 300  
 ttatgaatct cagccagtgg tctttgcagc atgagatctc atgtaagcta agctgtagtt 360  
 gtatttcttg gaacccttca agctctctgt ctcatcctcc atgatcgccg naggaagtga 420  
 tgacagtagc cccaacgcaa tggccaaggt tcagattttt gaatatantg aaaacnccng 480  
 gaaatatgcc aaagctgaaa cttttatgac agtcactgat cctgtcatga tattgcattc 540  
 cctccaaatt tggganganc ttttccatat tnttancaat ancgaccaa gatgtgagaa 600  
 attttacatt aaaacctgt naangnaaag aactgacttt cctntgggtg ggccaaccaa 660  
 agtttgaaat ncntatngtg gctcantnec ataattatta attcccaagn cngggnaang 720  
 agttnggann atnaa 735

<210> 1802  
 <211> 792  
 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1)...(792)  
 <223> n = A,T,C or G

<400> 1802

cacccatnna	ancgcccgan	nncaccatt	atttaacact	ccccttaact	gtctttgaac	60
tttctctttt	aacaaaaatg	tcaagtcttt	acagttgtaa	tatcaccatg	tttcccattt	120
ctgttaatac	ttctatgaac	ccctaaagta	ttgaaggga	ctagctgcca	gtttcaagga	180
ttacaagttt	gagcctccta	ntnttcaaca	tcattctgaa	ccctgaaata	atattcttct	240
ctgttaaaca	atttctatct	gtntgccacc	tctgttgnta	gaggtgggtg	ttaattgacc	300
ttactaanmn	anctgccttt	gatgannant	tattgntatt	ggntccngaa	taaaacatta	360
acctttttna	ntcagaagga	acctcggtac	ttcttaaggt	tngtttgcgn	tttctaaaac	420
cananaataa	ggaactgatt	tggctatcan	gtttaacat	tanaattttc	tgtaagcttt	480
ncccacaaaa	aaaaccattg	gtgatttgag	gatatannta	atgnttttaa	ncctttttta	540
aaataatnag	nggggttnatt	ctcntggnc	tgnttaacna	atngtncntg	gnaaaacact	600
gncgattttt	aanaaat	tttnaaaaan	ttgggtctnt	tcttaaan	ttaaaaaan	660
gncccanat	ttaaggncnn	tatttntctg	ganctcnaa	aatttntttg	tgnaaacgcc	720
ccttnggttc	ccnacnntgg	aattntttta	accattnttc	tccctttttg	aatnttcana	780
attttntgna	aa					792

<210> 1803  
 <211> 770  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(770)  
 <223> n = A,T,C or G

<400> 1803

accctnntna	ancgencann	nttnaaactg	nntctnnant	tnncctcccn	aattatggtn	60
nnaaaactta	atganttncc	aaggtnantg	ggaagcctgg	ctttaacact	cccaggctat	120
attaatgagn	tcagaggat	gncatntnnn	tnatgcactt	caaaggggtg	tgtaagtatt	180
aactannnta	atncagggtca	nntgcatata	ttagcactca	atgcacggcc	attgatnaat	240
aaatgcnagn	ggctctgatc	actgagaatc	taacctctgc	ttaaataacct	ttagtcataa	300
nnagcttcac	tccctnanta	acatgnttgg	atttcttgat	caaccatant	ttttacngaa	360
tttcttctnt	tactnanccn	tgaaatcngt	ctccttnaaa	ntttctactt	tggtatggnc	420
tcttctgnnt	gctacnccaa	atnaatntna	tcctaantct	atntagctta	nnttccagca	480
tanccacanc	aatnncatta	aatgatttnt	tcagtgggca	ngactttaaa	ctccgtcacc	540
catcctat	gtctntctca	aagagcttcc	nccccgantt	gtccctgng	gaaattgccc	600
antttattaa	atngnanaat	gntttttttt	naatnctaca	gganctnccc	cgnttgntat	660
tggtgcacca	ntntctanaa	annaggtntc	cttgaanatt	tttctggant	tntgntntta	720
ccnaagtntc	cttngtgggg	cncttcccct	tccctacgc	ctcttatnnn		770

<210> 1804  
 <211> 922  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(922)  
 <223> n = A,T,C or G

<400> 1804

```

gcngnnnnnnn agnnnnnnnt gnnnnncgctn antgaattnt ncaatgggna actcttgcac      60
gatatngnac  cannggngna aggnnccgtt gctaggnggt acacaggatg nnggccctan      120
ccaatncatc  aantgtatga cgacnattnc gggagggaca cntntantgn accgcagng      180
ccccactat  caagnccgtt nctatgggta canacnntgt gttccatttt gtctnnaaag      240
ncnanaatta  ncatccngtt cgcaattgaa gaaaancccc cattgaacc cnaataaaaa      300
attgcncceg  cnttnattnc cccgnacctt aaaccgggtc atttaannng gnaannatgg      360
cccccanctt  ttngggcntt tttaacnttn ttcccggttt ccatttcncn aaangggtaa      420
natttaana  atggaaaatt ttttnttga aaagccantt tttntttac caaaaaattaa      480
naacaanngg  tttgccaaa gctttaaacn ggntgggtcg natTTTTTT atttttccca      540
nttcctggca  tcccatngg cctngganaa tngttttccc tcccntgaaa gggcnttaat      600
ttgccttggg  gaaaaaccaa aaantcgtcc cntTTTTTT tctggaaacc ccncaaaanc      660
ccttanncnc  cnaacctttt tttttttnt tttcccttta anttnncatc cttaaantaa      720
actgnttccn  tngnggaaa aaaccattcn tggccaaatt nggaancttn cccaaaacnt      780
ggccccctc  ntttttgtgc acttaaagcc ataaccgggg gaccaaacan aannggggtgc      840
tttaaagggc  naaggnggcc tttccaaatg ggaaatcccn aattattttc ntttaaccaa      900
gaaattgggg  caccgggat nn                                     922

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<210> 1805

<211> 922

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(922)

<223> n = A,T,C or G

<400> 1805

```

accggangnc  cgnnnnnacn nnaanannan ccnnaanacn nanacgancg ngaggnccca      60
agnagganan  nacaangcnc gggngagngn ncnngngnna ngcnaannca nncnccecg      120
cngtagngaa  accccttngg caacncgcgc nnnangcaag gaanccaacg aanccncac      180
ggcgacgaga  annngaagcn accaaaccag ganganagtn ttcagaccna ngcaaaggaa      240
gcnggganggg angaagaagc ngaacaacna ggaaaccag naacaggagg acaagcngng      300
gnagaaaang  angccccng  ggngaagccn acggaaangc cgagantca accaaanagg      360
gagaagcngn  nggnaaggnc cccgggcaa  anacggnga gaaaangacn gcanggggan      420
naccnngnaa  aaacggaaaa catcaaaacg gcacnngacn aagnaanggn cgaaaaaaga      480
aggagnnnnc  cgganaccan agagaggaaa cgaccaggtc aaactaactn tggcacntgn      540
gggaccggga  nntntnnaca aaagccacac cactcganc  aacngggaca cacangatgg      600
ncgcagangn  acccctagng gnagagaana aaacnggan  anngggacac ttaaaaaacca      660
cangggcaac  caagaacgag gangaangaa ggancctagg gcattccaaa aagcaagaaa      720
aanaaaccta  agcccctngg naaaccggga cnaangaagn ccngcnaaaa accggaagac      780
ntngtngagg  gcaccnaaaa nnggggaccc ccnnaagan ccgaaaggga gnaaannagg      840
ggactccggg  aaaaaaacac ccaaangac  acacncnaa aacncnegg  caaacnnggg      900
gaaaaaannn  naanaannnc cn                                     922

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<210> 1806

<211> 788

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(788)

<223> n = A,T,C or G

<400> 1806

```

ttancctttn nannnccnnn nnnttttgc ngatnnnnntn nnattcaatt cnnnacgagg      60
agtcaggaag gtaaggcggg gnttgactga ataaactctg ccttttaaat tgntcatctg      120
ggccgggcat ggtggctcac gcctgtaatc ccagcactct gggaggctcg ggtgggtggg      180
tcacctgagg ttgggagttc gagaccagcc cgaccaacat ggtgaaaccc cgtctctact      240
aaaaatacag aaaattagct gggcatgggt gtgtgtgcct gtaattccag ctactcggga      300
ggctgaggca ggaagaatca cttgaacca ggaggcggag gttgcagtgt gccaatgca      360
taccactgca ctccaccctg gtgacagagg agaccccgct tcaaaaattg attgatcaat      420
tcagcatctg agggctgcaa gtacagaagg aatctattct cagcagggca tagggcacgc      480
actggcttaa cagtttaata tataaggctc aaatagtcta tacctgaact gctataagca      540
agggcgatag ggaagtggat agattgcttc aancaaaagt gaactgtgag atctncaaga      600
cagagggaga aagatctgat ccaaagaga acagattggn tattgcaggg ttacacagct      660
aaaaaanta tctttttgcc aaaagaaata ttaaatgatt aacagtcctc caggtgtgtt      720
aatgttcaaa ctntattcat aatgngtata aatgggtaac aaaaatgnnn tacaataaat      780
cttttggn

```

&lt;210&gt; 1807

&lt;211&gt; 968

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(968)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1807

```

ctcnnagcct tgcaactcnn gtctttttgc aggatcccat cgantcncan tcngcacgan      60
gaccaengna aggtncctgg gcctttttng ggggataact gggnggggcn aancnacnan      120
anatttgnen ttnaaggnc ncttcancag ggancttanc tggttctnaa atccngatac      180
cnagagaann tatcentnct atggnggatg ggtttgaaa ccaggtcaga aaaaagggtt      240
tggntnacct tggctttcaa accgggaatt gaacaagccg aagaaagtna aaaggggttg      300
ccccaaattt agcctnggaa tccagtgggg cntgaaaatg ttctttcttt aatcaatcca      360
ttgggtggaa gaatgggtccc cctnntngan tgnaccccat ttattcaaaa ttttggggct      420
ttcaaagaaa attttnggt gggggggttag nccaaattaa aatccttaaa accccttct      480
tngccaagcc cccaattggg gntcaaggtt ttgggggttna cccaagggc cntaaccatt      540
ngggnggggc cnaaanggga atttcctngc cttangtccc ccaccggaat aaaccaatc      600
ctttttaacc caaatgggct tcaagccttc nttttngggc cttccggatt tgggttaatt      660
tccccacca aaaaaggaat ggaatncacc accgttttga aagtttttta atantggaat      720
ggaccaaccc cagccgttgg ttggangccc ttggaaatgg gtaccaattt cctatttatt      780
tccccaatgg gnggcctgga taaaannngg ggcctggaaa agggaaatcc gggnaacttg      840
ggtgggggtcc ntgccaaaaa tcccccaacc ttttgatgt gccgtggaaa attgtaaaat      900
aaccatcagg ccgtttgaat gggatnggga gaaanaaacc ttngccaatg ctttcaagtt      960
accaanaa

```

&lt;210&gt; 1808

&lt;211&gt; 733

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(733)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1808

```

ccccgatnnc ttggagaat ttggtccttn accttgagga acacttcttc ttcaactttt

```

60

```

tatttctccc tgatgttaca gtttggtaga tttcaaactg gaatagctag catgtgcttg      120
ctaaataatt ttatgccagc cttatcctgt atcctagctg ttcttaacag caggtaacaa      180
aatgcctggt tttcagcaag gttgaaattg ggaatgtcct tttgaatcag aagaaaaatag      240
gccatagact catctcccag cacaaatggg cattctatga aatggtagct gccctaggag      300
gatttctca accactctcc tactcttggc cttgaacctc cctctgggtt ggatcttact      360
attgtagctg ctactatac cctcctgcat gcttagaata atgctttgag gggagcactg      420
gtaaaacaca gtattttatt ttttacctcc ttttaagagga cttggaggta agttgcattc      480
attcactcaa gtttccctct tgctgtctaa tanaagctta ctttttgcta tatcagcatt      540
tgttacagcc aatattttaag gacaaaattt agaaaatata tcatttcctg gcccatcatc      600
anaactaata cagcttaacc ttgcaagcta ccaacttttg nggcaagcta nanatcttta      660
atttgatatc taaggngcaa ggaccaacna tntattttaag aaaattggga gacatgnaag      720
gcaaagcttt tgn                                     733

```

<210> 1809

<211> 744

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(744)

<223> n = A,T,C or G

<400> 1809

```

accnnccaat cgccgaagnt tccnctgaca ccaggntnga ngcatnggng cnatttcggc      60
tnacngaaaag ctnagcntac cngnttcacg ncnttcennct gtengancct nntgagtnnc      120
tgngantaca ngccttngcn naactaaant ttngnattgt ttntaanaga natgggggtt      180
nnccnntata gccaggatgg tcgcgatatt cntgaccntc ctgaagcgcc tggctgancn      240
tgcnnaacgtg tgggattata gggtnagag ccactgcgcc tggataaant attancantt      300
ttengagacn gcctgggtggn gtcaaccntg ctggattgca ctgnngtgat cttggcatca      360
ctggaacctc acgactcctg ggtggcnaac gattctcctg tntcaacntn cccaagtngc      420
ttgnnccnan nggngnccac cncatatacc cggtaattnn tgtattttta ctgacatacn      480
cgggtcanac tgatantgtc cnnngtgtnt gatacaantc ctganctcna gatncanctg      540
anntganctn tcnaaagtgn tntgaataan nagtnngntc cannagccnc ctgcccantt      600
attttaanaa cgtaccatta ataatngnct atnntcancc tggcnnngnt canannanaa      660
cnttncetta ttcncccttt ctantagacn gccntnanaa cnntttttnt nttnnngggc      720
ccccataac cnttnccnc ntcn                                     744

```

<210> 1810

<211> 794

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(794)

<223> n = A,T,C or G

<400> 1810

```

cancntcnt nnttgetnaa gtnccagnct ngggacggga attgggtttg atcttgnnca      60
aaatcttcnn tanggttgct nttgtgcnt gactgctgnc tacattcgga aaantctatt      120
ttgtgaattg gnagctaaat cccttactac cctgacaccg tggnnctctac tgtatttctt      180
ttcaagggtgc natttgcttc agagtccag ncagntagat taagcaagag gctccagaan      240
aaatgtttac ttgaattttg cgcttccttt cttgatagtt tcctatataa aatttgtcat      300
tgaacaagag caaatgctga agtattaatg aggacaaaat gactgtgccc cattagcaag      360
aattcaggaa tcaatacaga cagtattaaa ttaatagctt aagtgaanaa aaaaaaaccc      420

```

```

tagtgaaaat gtattagccc cnattaaatg gccnaaaagga cttntaaaag gcnagggggcc 480
ttaactttcc agtcctgcac caaataaaaa attcctnacg actctccact tttnccaagt 540
gggaggtttg gtcttaactg gaccttgctg tatttttntt nnttngaaag gncggaattn 600
gctggtaaaa acttttncct accnttgga atattngnga cnccttaggc nnttttttaa 660
ggntctcnaa aanaggggaa tggccttatt gcccancttg ttnacaaagt ngtgnaana 720
aaaagcccc cctgngctgt cangaaaagg ggnncntctn anancctctn gggtttttcc 780
ttttcnnng gccg 794

```

```

<210> 1811
<211> 739
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(739)
<223> n = A,T,C or G

```

```

<400> 1811
taccgccggn tcgaattcgg caggaggaga accttgacaa gaaagatgca tcaatcaaca 60
tagaaaatat gcagtttata cacaatggca cctatatctg tgatgtcaaa aacctcctg 120
acatcgttgt ccagcctgga cacattagga tctatgtcgt agaaaaagag aatttgctg 180
tgtttccagt ttgggtagtg gtgggcatag ttactgctgt ggtcctaggt ctactctgc 240
tcatcagcat gattctggct gtctctata gaaggaaaaa ctctaaacgg gattacactg 300
gctgcagtac atcagagagt ttgtcaccag ttaagcaggc tcctcggaag tccccctcg 360
acactgaggg tcttgtaaag agtctgcctt ctggatctca ccagggccca gtcatatatg 420
cacagttaga ccactccggc ggacatcaca gtgacaagat taacaagtca gagtctgtg 480
tgtatgcgga tatccnaaag aattaanaga atacctagaa catatcctca gcaagaaaca 540
aaaccaact ggactcntcg tgcngaaaat gtagccatt accacatgta gccttgga 600
ccagggcaag gaccaagtac acgtgtactc acagaggag agaaagatgt gtcccaang 660
atatntataa ntatttctat ttanccattc ntganatnaa ggagccctgn ttgcnttgat 720
gnaaaacant gntatnatc 739

```

```

<210> 1812
<211> 922
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(922)
<223> n = A,T,C or G

```

```

<400> 1812
acctngtntc gctcaagnat gtnggtncnn nntctgtngg aagtgaagnn tncctngggc 60
tcggtnttcc gtgatanctt gcntcngttg ctcgatgggc tnnngcttang gtcttgnnnc 120
ttntaccctt gnnnnnaccc gncennggcg nnnatatnnn ntngntneca gggtnctntn 180
ttganaaana nnacgtgtgc ngggctntct anctggggng nnnngcnntc gtgncctata 240
tntggnaggt cgtcnnctn tnngtcttcc aaaaantctn tnttgnactn ttctacacan 300
aacagantnn natcatnggc tagatggatn cngncanagc cngnnncnnn atngnngnta 360
ttctgangg tctgntntna atatcacntc cnnngggagc acnggancat ggntctggnt 420
aaaacnnntc atanccccc aatatgnncc cctccctntn canccacttt ttcttntgen 480
atTTTTGCC nntttcccc cctcancttc nacgnaacaa tgnacntagg ggnccctntt 540
ggnatgatnn gggncctnga caaagnaagg ggangggggc tcngaaacgn gattatcang 600
cncccccct natcgcttg attgtcaaaa tcattggtgt accctcaaac tggngnngn 660
ngaaatcntt ancttttttg cccccnccgt gnngttttca ncccccaana nanaccacn 720

```

```

tnnccgcnc tttgtntaa ctncnnaaat attntgntcc ccccnngccc ttnggggatt 780
tcgcctcnng ataaaaana anccntcttt nttntttttc cggacccaaa acccttttgt 840
aaatttnntt ttcttaggca aaagntat ttncccnct tnnnttcacc tttctttgcc 900
cccttntnna ggaannanaa aa 922

```

```

<210> 1813
<211> 1188
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1188)
<223> n = A,T,C or G

```

```

<400> 1813
cgacancnct ttggnanctc ccngtctttt tgcnggatcc ctcgattcga atncggcacg 60
ggagattnga ncgccacctg gggcantttt tncctngccc ctggnggggg tcnatctann 120
cgnatgcntg ngtangccct cntgctcccn ttntcaccgg tgngggaggaa atcaccagc 180
canncgaggg atggtccaga acccnntaggg ccccatatc ctgggaaanc catactcgt 240
ccatggcnaa tgggntnggn aaaattcctg gaaaggnngg tggtaaaaaat tcccccg 300
gcntatttt cctntaccca cccgaaangg gaggggaaaa ttttttcggg acccaggggg 360
nttggggggg gccattnan nnnccctttt cctccacca ttttagccgga atnaatnccc 420
ccattccngg ggnttgaaa anaanaaant nnnnnncgct cccaagnaaa tgggaaaaaa 480
nctngggggc ccccnaggna attttnaatt ttttaggggg gggaaaaagg ggcccat 540
tnnatttgca aaccccttc aagaaaaana nttnngccca nanaaagnna aaaaatgggt 600
cccccccttg ggtnaaaaaat tggaaaggaa tttttacccc aaccctnggg atggncctt 660
ccctaaggga aaaaanaatg gtttcccca cccnngcggg nggnaattc cctgaggggg 720
cctttttggg gccccaaggg gtnaaaantt ttncccccgc cncccentt tgnactnta 780
tnccaanttt ccaaaanccc ctnggccaaa anaaagncaa gggaccccn ccttgggggn 840
gaaaggggaa agnaaaaga acctggggaa aaatgggaag gnaacatncc tnggggggn 900
aatnanangg nggtctcgg gggggtttcc caccnaaagg nangggctcg ctttttggg 960
ccccgctatt taaggnanaa aatacctggg nggagggccc gggggcncct ggggggggg 1020
ctntnccaat tgggtggcaa cccccccagg cncctntgg gggacnggcn tgggagggg 1080
gggggggggg aatcccnccc cggaaggggc cggggagggt nccttaggaa cccngggccg 1140
gggcccacac cntngggggg gaaaaccnc cntcntctta cntaaann 1188

```

```

<210> 1814
<211> 763
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(763)
<223> n = A,T,C or G

```

```

<400> 1814
ntnagtcnnn ncgaggaagg atntcactct ttgcectgtg gcctctccct tttccccct 60
tctgggttga ggaggagaa gtgggaanta gcttggnanc tggnttgagc acatnaggcc 120
aangctgcag ggagctgtgg tcgcaccact gcactctagc ctgggtgaca gagcaagacc 180
ccatatcaaa aaaaaacggc cgggcgtggt ggctcacgcc tgtcatcca gcactttggg 240
aggctgaggc ggggtgatca caaggtcagg agatcgagac catcctggct aacatgatga 300
aaccgcgtct ctactaaaag taaaaaaa attanctggg tgtggtggcg ggcgcctgta 360
gtcccagcta ctcaggaggc tgaggcacga gaatggcgtg aacgcgggag gcggacttgc 420
antgaancca agatcgtgcc actgcactcc agcctgggag acagagcaag accccattat 480

```

```

caaaacaaac aaaactgtga tgataaaaaa gcccataaa cactaatatc aacccatgct 540
acttctgcct taaatttttn aanattcttt gcacgttgnt tactttanta acnctggggn 600
aatcnctttt ccccntggg ngnttgnagn naaataaact ggttatccct ngcctntgaa 660
aaggtanaaa ttaaagtcaa ttttggnca aaccaactct antnacttn nctccnncn 720
nccctnnncc cncaaanatt tctcnncntt tcttttcccc ncn 763

```

&lt;210&gt; 1815

&lt;211&gt; 947

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(947)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1815

```

ctctatcctt tcactcngt cttttgcagg atccctcgat tcnaatcgcc cggggggccn 60
tncnncnnga cccccngan tgngngggg ggcttttggg gccgggagac cccttngttt 120
tmncttncgt gcccgagtt gggggccttt anggggcneg ggaaatantn ngttttttan 180
caagggancc ttggttccn ctacccttnc cgggtgggtg gaggagggan aaatttngcc 240
ccttggggct tgggatggg naatctctcc ccatgggaaa naaaccctt tncctngtaa 300
aaaccggttt tgggggaaat ncgnnccnc cttttcctta aagaaaagg naaaanaattt 360
nccnttttaa tccccnnnc aatattttgg aaaaatcctn ggggccttt ttnggaaatt 420
aaaanttaaa aaagggccnn cctcctgggc cctttaancc agggaagaaa atngggcccc 480
cnaaanccct ggggccattg gganccaaag ccanttgggt ttgggggaaa aggtttccaa 540
ggaaaagccc aanttccng gtggttaanc catggtncac cnttngtngc ccttttaaaa 600
aaattaaggc cctggtantc cncctatttt tatttaccng ggttantaaa ttttnggga 660
ggttttantt tttttcaaaa atccatggtt nccttggnc cccagaagtt ccttttaagg 720
gttnaaccac ctaaggggac ctggcggtcc catggtacct aagtattaa cagcctttgg 780
ggttttggtt aanaaatttn gggccacca tttttggaat tattaatgg acccaccttc 840
catttttcnc catggttacc tcnagtccc cttaaatang gaanggggcc tctttttggt 900
tgnanccngg nanttggtt ttttttttt ttaacnttta tttggat 947

```

&lt;210&gt; 1816

&lt;211&gt; 760

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(760)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1816

```

nttattcgnt ctacgcttgc atgcctgcng gtcgantctc atngatncnc aggggtgagc 60
naccacacca ggcnagcgt tttctttcaa atacaaggaa atntttttct gatttaaaaa 120
aaaaaacga acttttttct tgatnatcaa agggaaagtt gcaaagatga aaataaangt 180
catctgtaat ctacaggaat accaggtaat taacattttg ctgtatttct taccactgaa 240
aaaaatgcat agttttaagc tgggtgtggt ggtgagcatg tagtcccagt taagtgcaca 300
aagggttcac tttaccggt gctagacaga gtcgatttac caagacaggg gaattgcaat 360
ggacaaagag taattcacgc agagccnngc tatgtgggaa accagagttt tattattacc 420
caaatcagtc tccctgagca tttggggatc agagttttca aaagataatt ttgcgggtag 480
gggcttggga agtggggagt gctgattggt caggttggag atggactcac agggggcgga 540
agtgaatttt tcttgccttc ttctgttccct ggggtggatg gcagaactgg ttgagccaga 600
ttgccgtctg ggtggtgtca gctgatccat cgagtgcagg gtctgcacaa tagctctgat 660

```



ccgtagggnc anaaaatggn gcatattatt cccaagaacc aattagggat ngantatact 720  
 ntntgnagcc ttatcttctt cccctaen gnanttcac 760

<210> 1817  
 <211> 940  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(940)  
 <223> n = A,T,C or G

<400> 1817  
 nncngannnn nganncnct tacnnttgn tnaaccannn ctnaanctnn nttnnatnta 60  
 tngaattnac gtngnnnang cgncttannt ngantnaann tttctttnnn cnnnnnngat 120  
 tttaaaccctt ttngnctgn ccnctnana anntgccatg tactaactcc gcttgctgat 180  
 gactgaagt gctggacta aagatgagnt taaaaagaag ctctggatga tgtaaccctt 240  
 cctcgccctt aaggccttca tacctcagct cctgtcacgg ctgcacattg gaagcccttc 300  
 tcccatggga aacataacaa agcaggctgc attaggaatt atgcagatgg ttgaaggaca 360  
 ccctcattga acatgctcat accaaacctc tccttcaagt cagctgggtc ggtatagaga 420  
 agttcagctc cctgacagag ggatggtttn gtttatcagc agagaaaatg aagntcacia 480  
 taacttgtgg natccgagat atactaccaa acaagacatg caaaagcacc tngaagaat 540  
 atgtttcttg gagctcttct gtcaanatta tctcgnaacc ttgcttnaan ancctgngca 600  
 ccaagggang cangatggg gctatatacg gactnnanc nggggccnc gntcgannct 660  
 aaatgggcat aaccggggc ttggnggat tcatccaatc canntcggaa aaaaggccac 720  
 cctnanctac cttnnnaaag gnaannngtg gntaagcncc ccccnnaaac tatnncatgg 780  
 ggnaaanncc cccnnnnang gnaccatnaa tanaatgaan ggcccttcca cnaaaaaana 840  
 atttcanggc nntaangcan ctttcttgga tncctcccc ccccccncac tgnnnntntt 900  
 tcntcccccc cccnggctaa aantattggg ggacccccct 940

<210> 1818  
 <211> 957  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(957)  
 <223> n = A,T,C or G

<400> 1818  
 tgncaennng nnaagtgtgt gnaggcctgn antttngcat agcgtaantt tgtgttgn 60  
 nanantcnct agantatat ancngntttg gncnttgnac catagagtgc ncncnngctn 120  
 aggnngngtt nactccgagt gagaatggan tggttttaggc ngtttnttta nctggggcna 180  
 gaggcncgtg tnatTTTgnc ataagntcan gtcnctang gcncatgct ncccnaganc 240  
 anngggtaac tannncncta annatccng ttatttcggn ngatananat cctnntggng 300  
 atatggnecca ntntatgtac ctnattgtnc ntnaantaat tntnntntgg ttngtgacct 360  
 atnntcnccn natTTattac nccgngntag ttcanncttg anngngnga cnatnnngtn 420  
 ntcggctatt tanaaccgnt nctatattgg gntctgtggn ncctacnann attgntacaa 480  
 cctactnttn tnttttnta tcttactaa ttgntnatgc ncnactgggt ngaaagatcg 540  
 nccanncnan ttanatggtc ntanaantn aatggagagn acnantttgn ctngggcaan 600  
 aannnnngatn aangngnncc aaagtgnntc nngngnggng gcgtnnccann naataaanag 660  
 ggcgngggng ngaataatag nntnccann ttatggatg aaannaacnn ctggngngtg 720  
 ngnnttaanc nccaanngnc natntntnta nnnngngngn tgctctnann gttgntnna 780  
 tagagtcccn gctntnttn atanngccgc aaatancnaa angagtgttn tnttcnann 840

anaaanaata ctgncncnct atttncntng ngcattannc antccnratn cgnnnntnta 900  
 aantcncntt nnnntatntn nngttcacan ancatattnc cgtantntgt atatnac 957

<210> 1819  
 <211> 972  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(972)  
 <223> n = A,T,C or G

<400> 1819  
 tnnantnnct tcaactcttg ttctttttgc aggaccctcg attcganaca agcgacactc 60  
 tagtggtgat gggaatagta aattaaaaag ngagtatcnt ggatttggac aacgnnnanc 120  
 nncaaaatnt gagatggttg aatgaatggc ccnntgtcat gatanatnag gncacttttg 180  
 gaaagggttg nggnncgaan gngaaatatt ttcnngtggn ttngagcta tttttccttt 240  
 caagtccttc tcttttnncn ttgcnatncc cnnncttgtn ntggatgnat tgnanancan 300  
 tctcctnnnt nccnannant nggaaatngt taaatnnct annnggttcnc cattcatttn 360  
 nttaccaaac ggntancnt tntttcncnt ncccttttnn ccctcgntna nnnnttcttg 420  
 ttttttttcc cccccctngg gctnnanata ntnggtntn ccatnttttc ntannngggg 480  
 aaaacaaaa tatctncccc cattttttng gntaacnggg ntaaaatctg ntngctcggn 540  
 antttncat aaaaanttan tctccnccn actcncaatc gtnntatgta aacccccccc 600  
 ntttttttcc nccnncngng aaaatatatg ggcntaaaaan atnatnnatn taaaanttn 660  
 ttttcacnt nngncanctt ngantntcn cactnataat ntctccntn cctnagangc 720  
 tncactttn antttecnan tnnctttent attanctnnc canccnannc ttaatatgn 780  
 ccattcgnc aacntgggcn ccatttcctt ttgngttan tncanaaaat tancccttcc 840  
 nttgtnagcc ccctttntn ntnttnatn tcccttngn ctctttaacn tnggtgancn 900  
 aanantatt atacntccc aanaenttn tctttnnccc cttaaatttc ctcttttaaa 960  
 naccctttgg tc 972

<210> 1820  
 <211> 724  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(724)  
 <223> n = A,T,C or G

<400> 1820  
 agttacacgt tcnttaanac ngtgcactct gaantgtact cagtgaatct ctgttttngn 60  
 tttcattaat gctatttcac cagtttagaca taattacttc taccgntgtg aatganacng 120  
 atgccggngg agctaccana tctttcncac tcaactgcta ggtcaattag attgccatnt 180  
 taaaacttgg cggattctac aagannatnt gacnaccagg aactacatnc tatgatggaa 240  
 aactatccat actgnanact ccntgtgtaa ttatcatgct gctgctgctg tgctctggaa 300  
 ntctcaatat gacatttana ctctgcgect actaaaggca tcttctggag tttttgggag 360  
 gananaaact gganaattaa atcgnatttt ngccanaaga ctcttacttg catgtgtctc 420  
 aaggncnca atttttctat aagnnnccat atccaangtt canaattcat gtganatact 480  
 tctttggggc anaagnnctt cattcctggg ntntattgga tcgnaaatct gtagcaagan 540  
 gctgnttaaa attaccatan tgggttnta tcttatactc agctctcngg ctattgaact 600  
 tcttttctng tttgaagnta gcttcaaaat ttgctcctat gctnaattac ctgnaaatat 660  
 tctggatang aactacttcg aaatantaat ttggtnaaag atatgacaaa atgaaatgcc 720  
 ttaa 724

<210> 1821  
 <211> 1507  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(1507)  
 <223> n = A,T,C or G

<400> 1821

gngnnnnnnnn	nnnnnnnnnn	nnngngnnnn	nnnaggggng	nnnnnnnnnn	nnnnnnnnnn	60
gnngngnggn	nnnnnnnnnn	nggnnnnnnn	nnnnnnnnnn	nnnnaggnnn	gnnacttttt	120
tgggaaaaan	ccccccnnnn	nnntttttta	ttannanncn	nnnggggggc	nccccgaatg	180
ngagggnnng	nnnncnagat	aaggggcggn	nnnnggggng	tttttttttt	cnnannnnnn	240
nnnnacnnnn	cangngggg	gggggggggn	tttttngnan	gnncntnnnn	ccnantnnnt	300
ctangngngn	ngcngcgtng	ngngnnnggg	agangnggng	tgngcnngec	ggnggggtgaa	360
gcnaatngag	ggnnnatcgg	gtngacnng	gnngggaggg	gggaatggnn	gnnggngnga	420
gtnggnntat	gtngngnngc	gtnccgngnn	ngggggnncn	ncgngggggg	ngngcngtac	480
nnnggngcga	ggngtancgn	ggngcngcng	tgngngnnct	gggnnnagnn	ncgnaggtcg	540
cnagggggag	cgggcgggng	ggggcnnngn	gaatgtcggc	ggnnnnnggn	nggngnccgn	600
nagccgcgng	gngntngctg	nggcagggna	ntggngnnng	gtngntntag	agnacgnngg	660
ngnagcacgt	gcggcgnta	gnngnaggng	anangggcga	tntggngact	ggngnggagg	720
gggggacntn	tngngangt	gtggngnang	gacgnngntg	cgngngcggn	tcnggggnga	780
ctgagggggn	tgcngatggn	agggngnnga	anggggtcnn	gnggngnggg	tgngnangnn	840
tngggngnnn	gnncngancg	ntnncngggg	nnngggnggt	ngtgngnnng	nnngcgnagn	900
gnncngngng	nnntagnggn	gggnnnnnga	gagnnngggg	nnnnatcgac	ngngnnnggt	960
acnnggtggn	ggtagncgan	anngatnggg	ggngngngcg	nnngnngctg	tnccngngng	1020
gttngngnaa	gacgtngngc	nnannctngg	ggngnggann	gagtnngggg	gcggacngng	1080
aanggggtang	gggttacggn	nngtangngg	gnnagcgngg	tngtagnngc	ngtgggtgcn	1140
ncnggancnn	nggnnacnnn	ggtgngatgg	gggcacgnga	agacgagcgc	tngcgcacgn	1200
ngggangana	tagntngngt	aaganagagg	gnngcggnng	natgctgtcg	acgtntncan	1260
gtngnecggg	ngcngcgtgt	ngcntgnagg	angggggggg	ggnnatgtgn	atgngtnnna	1320
gcncangngg	aggggcnnna	ttagcgtgng	gcgcgggctn	ncgggggggg	cgnnngtcat	1380
ngacgncnng	tngcggagtn	ttgcgncngn	gcgagagnng	nnngngngng	gngtngggcg	1440
gggtatgngn	naggagatga	gtgcgngatg	ggagctcgct	ctnngtaggt	nggggtcgat	1500
gcgccgn						1507

<210> 1822  
 <211> 726  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(726)  
 <223> n = A,T,C or G

<400> 1822

ntttgacccc	ttatcgccga	gtgaggaaag	aatagtcagt	aaattgatgc	gatccctaaa	60
aagggcagca	ttgcagcgcc	caggcataag	acgtgtgatt	gaagatccgg	aagataaaga	120
aagtagacta	atcatgttgg	atccctataa	aatatttact	catgattcct	ttgagaaagc	180
agaactcagn	gttttagagc	agcttaatgt	cagtccacag	atctctaaat	acaatttgga	240
actaacatat	gaacacttta	agtcagaaga	aatcttgaga	gctgtgcttc	ctgaaggatca	300
agatgtaaact	tcagggttta	gcaggattgg	acatattgca	cacctaaacc	ttcgagatca	360
tcagctgcct	ttcaaacatt	taattggcca	ggttatgatt	gacaaaaatc	caggaatcac	420

```

ctcagcagta aataaaataa ataatatgtga caatatgtac cgaaatttcc aaatggaagt 480
gctatctgga gagcagaaca tgatgacaaa ggctcgagaa aacaactaca cctatgaatt 540
tgatttttca aaagtctatt ggaatcctcg tctgtctaca gaacacagcc cgtatcacag 600
aacttctcaa acctggggga tgtcctatgt gatgtttttg ctgggggttg gccctttgcc 660
attccagtag caaagaaaaa ctgcactgta tttgccaatg atctcaatcc tgatctcata 720
aatggg 726

```

```

<210> 1823
<211> 746
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(746)
<223> n = A,T,C or G

```

```

<400> 1823
ngttacacct tnnantccgc acgaggagag tgctncctta aaaatgcaaa gttgaagaac 60
tgtaacctca gaggagcaac tctggcagga actgatttag aagaatngtg atctgtctgg 120
gtgtgatctt caagaaancc aacctgagag ggtccaacgt ggaaggagc tatatttgaa 180
gagatgctga caccactgca catgtcacia agtgtcagat gagaatttta ggggctggag 240
gaagatgtaa aagatgaaaa tgttttcctt atcacttttc tttctccacc cactcagttg 300
tctagaagaa ataacactgt aaggaaattt aaaaaaaaac atttagagga ttatgcttgt 360
tttgagtggg gcataaggga aaaaactgac tttttttcca tattctgatt ttaacagaa 420
aagcactcat ttaatagatg tagggaaact agatattgct gccttttgaa tgggtaggg 480
gggtttacct ggttttatga ccaggcatag tatctattat atttgctttt aaataggcat 540
gatgtggaaa taccatcttg gtttgagatg catcttgagg gattttaatt tatgggaaag 600
cccaacatta tgccattata tttattggna ttcctaanat gcngtatggg atatttaaaa 660
ttgntaaaaa tttatgaaaa cttgggaaaa ngntgttcaa gggtttataa taacctttaa 720
tggatgccct cccctctttt aaannt 746

```

```

<210> 1824
<211> 1059
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1059)
<223> n = A,T,C or G

```

```

<400> 1824
nnnnnnnnng nnggnnnngg gnnggnngnn nnnnnngngn ggnnnnnnnn nnnnnnnnnn 60
nnnnnnngtn tgantcttgg aaancccnng nnttttngna gnacccgggg ggccggattg 120
gggttgcggg nnnnaggggg cnnnancctt tttttttnct ngnggcccg ngncgggggg 180
ggggggggtt nannngggng nngcncnngn tgntnnnnnn ggnncgenn nngngncngg 240
gcanngggtg agggggggtg ngntgggncn ngnggggntn gncggtnnng ncgcnaccng 300
atggtggggg tggtnggnnn tgccnggggg aacgtggggn ncggcggggn ngtggggnac 360
cgcgggggng gggggcggn cncaaaang nntgcggggg gggncntcc gtggggggng 420
aggntggnc ccngggggga gnggggncng nggggncng ncngggccct gtnnncgnc 480
cnggncggcc nagggangng gnnctgggnc ggggnggnc gtgtgggggt gcngggggnc 540
gtccccggc nagggangng gnnctgggnc ggggnggnc gtgtgggggt gcngggggnc 600
nggggggaac gtgggggggg ggggggncga tggggggggg gnnnnngtcn ggnccgagga 660
ggggggngcn cnggggngng ntanggnang gggcngacng angggncngg nnnnggnggn 720
gaagncncng ngnggnngnn gtngggcggg tntngccna tcagattng ngaagggggn 780

```

```

ggngnangcg nngcngnggg gggggggggac cggggnggnc nngggngtg tgggntnngg      840
nnnnccgngc gtnggggggn gnaanggggn cggggnggca gggccgggtg cccgggtgggn      900
gggggtgngg gtgntggcc gnnngccggg gnggctncng ggcngangg gggtnangnc      960
cnnnngggng ggggggncan cggagggggc ntttangagc cggatgngng nggggngngn     1020
ggncggggcc nnnacaattg ggangnnnng nggtgancn                               1059

```

```

<210> 1825
<211> 739
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(739)
<223> n = A,T,C or G

```

```

<400> 1825
nnttacncgn tcgantcgca cgantggang aancnacaag gaaaancnng cncntgnaaa      60
angtncaggn tcnaatncgg atggtcctcn cctatntggt ngetnagttg agcctntggt     120
ntcgggggtg ccacgggggg ctctcgtgc tgggatccgc caacgtggat gagaagtctc     180
ctgggctacc tgaccaagta cgactgctcc agtgcggaaca tcaaccccat aggcgggatc     240
agcaagacgg acctcagggc ctctgtccag ttctgcatcc agcgcttcca gcttcctgcc     300
ctgcagagca tcctgttggc gccggccacc gcagagctgg agcccttggc tgatggacag     360
gtgtcccaga ccgacgagga agatatgggg atgacatatg cggagctctc ggtctatggg     420
aaactcagga aggtggccaa gatggggccc tacagcatgt tctgcaaact cctcggcatg     480
tggagacaca tctgcacccc gagacaggtc gctgacaaaag tgaagcgggt tttctccaag     540
tactccatga acagacacaa gatgaccacg ctcacacccg cgtaccacgc cgagaactac     600
agcccttgag gacaacaggt ttgatcttgc gaccatttct tgtacaacac aaactggcct     660
tggcaagttt tcggtgcata anaaaatcag gtgctacagc ttcgagcctn ttaaaactat     720
agtgagtcgt attacctaa                                                    739

```

```

<210> 1826
<211> 1373
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1373)
<223> n = A,T,C or G

```

```

<400> 1826
annnnnnnnn nnnnnnnnnn nnnnnnnnnn gnnnnnnnnn nnnngggggn ngnnnnnnnn      60
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnncn gggggggnnn nnnnnnnnnn     120
nnnnnnnnnn aggagnntng aaactncttt ggggaaaaaa ncccccnnn nnnnnntntt     180
nnannngnan ccnncnnngg gggnggcgcc nncctttgng ggggggggnn nnnngnnnnn     240
angggggggg gggngngnnn naaananctt ttttttttnn nnnnnnnann nnnangnagc     300
nnnnaggngg ggggggggnt ntttnnagag nnannnngtn tnnngnnttt tttancnnag     360
gagngcaggg ggannnnnnn ggacnnangn ggggggnagn aaggggngan nagnnannng     420
ggangnnnga ggnatcnngn aaganannn cgnngngggg nannngngng cgggnagnng     480
gagagnnnag cncnngaggg nggggngngn gnnngangtg nanganngng ngnaggggag     540
ancagnnggg gnggaaaang nggngnnann nnnnggaang gnnngnaaan gagnggnnag     600
ngtngcgggc nganggcann angnngcngn nnagnngnnn cggngnnnna nngacagnng     660
gtangngggn nnanggnnan cagaagnntt agnagtgata nagngaggcg aangncanan     720
ggcngggngg annggngngn aangnngcgn ganngnnnna ngcaganggn ntnagnngn     780
nanggcngnn gggngnagnng aannangagn nnnngnnnng nggnagnnnn nnnnnaagnn     840

```

```

nnngcnagnt nnnngnngng cgnnagcggn aagnntgnga nggtggnaan ngnacgttna      900
ngngnncggg ngngngnaan gnanngcngt gngngnggna gngnnnagna ntggngngtg      960
cnaggnngnn gnaggnngnn nnnnnnnna nngnnacgga gcnnccanggn ngngnanna      1020
nagangggng naancangnc ncgngnanag cangnaggcn nngnnanntc gnnantntnn      1080
agagnatata annngnannn atgtngana gngaggacng ngngagaann nncgngnacg      1140
nnagecngnn gngngntanga ccangnangt nnnngcacng nnnntatgcg gannngcggn      1200
ataagcngac cgnatnagng ggacnnnana nagatnnggn agngggngcg ctnnnnggan      1260
nanatcnntn ngagaggngn agccgntagg ncngnggaca gngnnananat aangaagnnt      1320
cagnnancac gganannnaa naangnngng gggtngacga cggngngnacg cgn      1373

```

```

<210> 1827
<211> 737
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(737)
<223> n = A,T,C or G

```

```

<400> 1827
cntttgnnt cntattatat acangctact tgttcttttt gcaggatccc atcgattcna      60
attcggcacg agtggaggaa agcagcaggg taaaacctgg cgctgcaaaa tgtgcaggct      120
cgaatacggg tggtcctcgc ctatctgttt gctcagttga gcctctggtc tcgggggtgtc      180
cacngtgggc tcctcgtgct gggatccgcc aacgtggatg agagtctcct gggctacctg      240
accaagtacg actgctccag tgcggacatc aaccccatag gcgggatcag caagacggac      300
ctcanggcct tcgtccagtt ctgcattcag cncctccagc ttcttgccct gnagagcatt      360
ctgttggcgc cngccaccgc cagaactgga gcccttggtg gatggacagg tgtcccagac      420
cnacgaggaa gatatgggga tgacatatgc ggagctctcg gtctatggga aactnaggaa      480
ggtggccaag atggggccct acagcatggt ctgcaaaactc ctcggcattgt ggagacacat      540
ntgcaccccg agacaggtcg ctgacaaagt gaagcgggtt ttctccaagt actccattaa      600
cagacacaag atgaccacgc tcacaccgcg gtaccacgcc gagaactaca gccctganga      660
caacangttt gatctgcgac catttctgta ccaacacaaa ctgnccttgg cagattcggg      720
gcataaaaaa tnagtgt      737

```

```

<210> 1828
<211> 754
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(754)
<223> n = A,T,C or G

```

```

<400> 1828
tatnctgtac aactacttgt tctttttgca ggatcccatc gattcgaatt cggcacgaga      60
ccgggaccaa aacatnancc gcttggncnt ncaaaaanaa caacctgnag gatctcaggt      120
ttcntctggt ctgtggggag ggcaaaaagg ntcgggtgat ggccaccntt ggggtgaccc      180
gaggcttggt agaccacagc cttaagggtc gcagttccac cctgcccacg aagccctttc      240
tctctgctt ccctgaggta cgagtgtatg acctgacaca atatgagcac tgcccagatg      300
atgtgctagt cctgggaaca gatggcctgt gggatgtcac tactgactgt gaggtagctg      360
ccactgtgga cagggtgctt gtcggcctat gagcctaag accacagcag gtatacaagc      420
tctggcccaa gctctggtcc tgggggcccc gggatccccg cgagaccggt gctggcgtct      480
ccccaacaac aagctgggtt ccggggatga catctctgtc ttctgcatcc ccctgggagg      540
gccangcagt tactcctgag gggctgaaca ccatncttcc actacctctt catacttact      600

```

cctntacagc	ccaaattctg	aagttgtctc	ctgacccttc	ttttantggc	aacttaactg	660
aagaagggat	gtccgtttat	ncaaaattac	actattggca	aataaccaag	atggataaaa	720
aaaaaaaaaa	aaaccctttt	anaactatat	gagn			754

&lt;210&gt; 1829

&lt;211&gt; 725

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (725)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1829

tttaaccnct	ntcgantcgg	cacgatggag	aggccttggc	aaaatggctc	atcacgttca	60
ggccctccgg	gctgagttgt	cagcagtatc	aagggagggg	cctgctctat	ccccagaagg	120
atcaggatca	tatccaggat	gccccacata	caccaagcca	ggcagagggc	agctcagctc	180
ctgtcccatc	tgttttgat	atctttaccc	aaaggcaggt	aaccgaaga	gccagcctcc	240
actgccca	gagccaggcc	cagttgtgtt	ggagtatagg	tcaggagctg	tggaggagg	300
cagtctgtga	gggactcatg	ctttaggagt	cctcaccctc	cagactgctg	caggacattg	360
ccaggcctct	ctccacttcc	ttcctcagca	tacagacttc	atgctatctt	ccaattccgg	420
ggagtcttag	ctattagggc	agtttctgct	tctccatttt	ggggacaaag	gccttgccca	480
gtacaaatct	agccccttgt	cccacagact	tctggatggg	ataaacctag	tggcaatgta	540
gcaaccatag	gctagaacca	aaccgaagat	ttgggtcagt	gccctgttaa	gggttttagg	600
attggtaagg	acaccacagc	taaatctgac	atgtaaaagg	ataccctttc	cctgtcccac	660
tacgggtgga	ggctaaggac	cttctcagaa	cccacagatg	gctgggtgaca	ttgggcacaa	720
ggctg						725

&lt;210&gt; 1830

&lt;211&gt; 756

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (756)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1830

annnnnnntt	ttacntcgnt	cgaattccgt	gctgtcgaat	tggtttggca	cctactacag	60
gatgatccag	accaacttca	ttgacatggg	agaaacatgg	tttgacttg	gctgaaagag	120
gagacagaag	tggaggacc	ttcctggagc	agggccctt	cgctttcaga	agggccgtat	180
tgagtttgag	aacgtgcact	tcagctatgc	cgatgggagg	gagactctgc	aggacgtgtc	240
tttcaactgt	atgcctggac	agacacttgc	cctgggtggc	ccatctgggg	caggggaagag	300
cacaattttg	cgcttctgt	ttcgcttcta	cgacatcagc	tctggctgca	tccgaataga	360
tgggcaggac	atttcacagg	tgaccaggc	ctctctccgg	tctcacattg	gagttgtgcc	420
ccaagacact	gtcctcttta	atgacacat	cgccgacaat	atccgttacg	gccgtgtcac	480
agctgggaat	gatgaggtgg	aggctgctgc	tcangctgca	ggcatccatg	atgccattat	540
ggctttccct	gaagggtaca	ggacacaggt	ggcgagcg	ggactgaagc	tgagcgcg	600
ggagaagcag	cgcgctcgca	ttgcccgcac	catcctcaan	gctccgggca	tcattctgct	660
ggatgangca	accgtcagcg	ctggatacat	ctaataagaa	ggccatccag	gcttctctgg	720
ccaaagtctg	tgccaaccgc	accaccatcg	tagtgn			756

&lt;210&gt; 1831

&lt;211&gt; 742

<212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)...(742)  
 <223> n = A,T,C or G

<400> 1831  
 nccccntttt tcnncnccga nttccgntgc tgtngctgga naatanctac gaagctgccc 60  
 gatggccagg tcatcaccat tggcaatgag cggttccggt gtccggaggc nctgttccag 120  
 ccttccttcc tgggtatgga atcttgcggn ntccacgaga ccaccttcaa ctccatcatg 180  
 aagtgtgacg tggacatccg caaagacctg tacgccaaca cgggtgctgtc gggcggcacc 240  
 accatgtacc cgggcattgc cgacaggatg canaaggaga tcaccgccct ggcgccccagc 300  
 accatgaaga tcaagatcat cgcaccccca gagcgcaagt actcgggtgtg gatcgggtggc 360  
 tccatccttg cctcactgtc caccttccag cagatgtgga ttagcaagca ngagtacgac 420  
 gagtcgggcc cctccatcgt ccaccgcaaa tgcttctaaa cggactcagc agatgcgtag 480  
 catttgctgc atgggttaat tgagaataga aatttgcccc tggcaaatgc acacacctca 540  
 tgctagcctc acgaaactgg aataagcctt cgaaaagaaa ttgtccttga agcttgtatc 600  
 tgatatcagc actggattgt agaacttgtt gctgattttg acctgtatt gaagttaact 660  
 gttcccttg tattaactg tcagggtgga ntgttctggg gatttctcta gangctggca 720  
 agaaccagtt gttttgtctt gc 742

<210> 1832  
 <211> 742  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(742)  
 <223> n = A,T,C or G

<400> 1832  
 nnnnttttga actcctnttg agaaganacc gcagatctgg tcagccatgc agggacacac 60  
 tctgtgttac caagaactgg ctgtctgcag atactaaaga agagcgggat ctctggatgc 120  
 aaaaactcaa tcaagttctt gttgatattc gcctctggca acctgatgct tgctacaaac 180  
 ctattgaaaa gccttaaacc gggaaatttc catgctatct agaggttttt gatgtcatct 240  
 taagaaacac acttaagagc atcagattta ctgattgcat tttatgcttt aagtacgaaa 300  
 gggtttgtgc caatattcac tacgtattat gcagtattta tatcttttgt atgtaaaact 360  
 ttaactgatt tctgtcattc atcaatgagt agaagtaaat acattatagt tgattttgct 420  
 aaatcttaat ttaaaagcct cattttccta gaaatcta atttcagttt ttcattgacaa 480  
 tattttttta aaagtaagaa atctgagttg tcttcttgga gctgtaggtc ttgaagcanc 540  
 aacgtcttcc angggttgga gacagaaacc cattctccaa tctcagtagt ttttccgaaa 600  
 ggctgtgata atttattgat cgtgatatga cttgggtacta gggtagtgaa aaaaatgtct 660  
 aaggccttta ccagaaacat ttttagtaat gaggatgaga actttttcaa atagcaaata 720  
 tatattggct taaagcatga ng 742

<210> 1833  
 <211> 1073  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1073)



<223> n = A,T,C or G

<400> 1833

caacnncanc	ccnncccnnc	nanncnncnn	nnnacannan	cnnnaccnna	annangnnnc	60
cncnnncata	ctacatnncn	nencacnnc	ncnccnanac	nngancacnn	nnncacannn	120
nncgacnnc	ncnncncca	acncactccn	nctcacncca	gaacnnctcc	nancacacac	180
nanatatnan	gnnactcacc	tcanctctat	ncnnacgncn	cnacannccc	cnannnnngnn	240
cctttttgaa	acccctttcg	aaancncgt	ggccggnnaa	ataagcanac	tggacgncng	300
tannatgtct	nttcggcaaa	gnantatnnc	tnnacccaaa	ctagctngtg	actnatcneg	360
cagtcataag	acantcctaa	catngtgact	gtnaaagnct	tggagatggc	cgcnnngctc	420
ctgnatcgac	tccgtcatta	ntncncatgc	aacaaaatac	gagccngagt	tnatnntaaa	480
angngaaaag	cnacncnaan	gaaactcact	ccattacgtg	gngaanaataa	ggaagtnatc	540
anagcatnnc	cnannatcan	ataagtaacc	catcaatgag	caatgccaaa	gaatactatn	600
tgaacngcnc	nctctctcng	ctntnaattt	ggaaatgagg	ccntgctacg	aaaacaactn	660
ccaanaaaca	acanacctca	angcnaanc	caagagggca	agacttnatc	nannatagca	720
ccccagaga	aaaaccacct	aacgactacn	nggtacngaa	gaanttccct	tgcggcnngg	780
aaaaacagat	gaacangntt	gcngaaaagg	cncnancnna	tgtattaagc	cannctcagc	840
cantaccgag	agntacnaga	aggacnactc	gnncgccccn	aagtacctgg	tanactgncn	900
cancegaacc	nggctnaaac	anacantccn	atngctcccn	nccccacnnt	cncncccccn	960
ggncngcnc	tnnncccnna	nancacnann	ncangatncc	cnntcnntn	ccctacnnc	1020
nacccggccc	ccactannca	ncnncnngnn	ctcnncccc	cgaacncta	ccn	1073

<210> 1834

<211> 749

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(749)

<223> n = A,T,C or G

<400> 1834

nnntnnnnnt	ttgnaacccc	tttcgaatcc	gttgctgtcg	ctgattaatg	cactttgaag	60
ttctctggaa	ttaattattt	taacttggcc	tagcttcgac	tgtcaagggtg	gctgttataa	120
atttgacttc	attggcagtg	gatgaagcct	aagccagctg	agtctctatc	atagctgaac	180
cctgaggaca	gcctcatagc	tcatgtatca	gggacttttg	ccacatttca	gaggcatagc	240
atgaacaagt	aatattaagc	caagaataag	cagcagaacc	ctgttccata	tggaaaaaag	300
aaaaacaatt	ttttgtccct	aatgttcttc	cttttacatc	ctggaacaac	aataaaaaaca	360
tttttttaaa	cttgtctact	gtaagatact	gccatcataa	agcagagact	tacatgagtg	420
aaagggttgc	ctcatcaagc	agctcagtg	aaatggggag	gctaggctct	ccccagccct	480
atgggttttt	tatttcatgt	accccaggaa	atactgtgtg	gtttctaaaa	gccctgggtg	540
taaaaagtag	ggactctgcc	tttttgttgg	tagggagaaa	aaacgctatt	gctttgtctt	600
acagagcgaa	tgtctgccaa	ctacccgttc	attatataag	tctgaacttg	gtaatatant	660
ggctaagtga	gattaagccc	tctataaaga	cttctgtgtg	aggtgaattc	tcatactgaa	720
atgtacttac	ctacaatatt	tactagagn				749

<210> 1835

<211> 752

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(752)

<223> n = A,T,C or G

&lt;400&gt; 1835

ncnnnnntttt	aacctcgntc	gaattccttg	ctgtcgttaa	ttgttggtc	agtgtatgct	60
ggggacaaag	aaaaactaac	aagccgacct	gcctttatga	taaattctag	tgtgcttaca	120
agggatgact	tcctgaggtg	tgatctgtcc	accttgaaga	actccacaac	tgaagaagg	180
gagctgtgag	aacgtggatt	gttctacaac	ttgcacaggg	taacagagga	agtggctgag	240
gcctagagtc	acgttttcca	gttcccttcg	caaaactatat	ttcttggaac	gcgaaaggaa	300
gctttaccta	tttcatagaa	gacctggaat	ccataacctc	agaaggcaat	attattgata	360
gaaaatgtgg	aaggatcagg	aagtctcttag	attcttggat	gacagatgca	tgttgatgcc	420
ctatggagat	gtccttgtgt	tttgaggtca	ctgaggtagg	aagacctgtc	tactcttggt	480
ttcaccacta	gaacagtctt	gggctggatg	ggttatagag	ctgagcggct	gtgatgggtc	540
tgtttttaca	ttaacaaaaa	caattaaaaa	caccaaaaac	aaanaaaaaa	annnnaanna	600
aaaaaaaaant	ttnnngggnc	cttttttccc	nnanncccn	ccnttnnaaa	aaccttttgn	660
naantttggg	aaaccccccn	nttnaaaatn	ntnnnnnnnn	nnnnnnnnnn	nnnnnnntn	720
nnnnnnntnn	tnnnnnnnnn	nnntnnnnnn	cc			752

&lt;210&gt; 1836

&lt;211&gt; 750

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(750)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1836

nnnnnnnttt	gaaaccccnc	gtgagagcct	gagcagcaaa	tctctcgcca	cacctgtac	60
gagggcgtgc	gggaagtcct	gcacgggaac	cagcgcaagc	gccgcaagtt	cctgggagacg	120
gtggagttgc	agatcagctt	gaagaactat	gatccccaga	aggacaagcg	cttctcgggc	180
accgtcaggc	ttaagtccac	tccccgccct	aagttctctg	tgtgtgtcct	gggggaccag	240
cagcactgtg	acgaggctaa	ggcctgggat	atccccca	tggacatcga	ggcgtgaaa	300
aaactcaaca	agaataaaaa	actggtcaag	aagctggcca	agaagtatga	tgcgtttttg	360
gcctcagagt	ctctgatcaa	gcagattcca	cgaatcctcg	gccaggttt	aaataaggca	420
ggaaagtcc	cttccctgct	cacacacaac	gaaaacatgg	tggccaaagt	ggatgaggtg	480
aagtccacaa	tcaagtcca	aatgaagaag	gtgttatgtc	tggctgtagc	tgttggtcac	540
gtgaagatga	cagacgatga	gcttgtgtat	aacattcacc	tggctgtcaa	cttcttggtg	600
tcattgctca	agaaaaactg	gcagaatgtc	cgggccttat	atatcaagag	caccatgggc	660
aagccccagc	gcctatatta	aggcacattt	gaataaatc	tattaccagt	tcaaaaaaaa	720
aaaaaaaaaa	atttcntgng	gcccttttnn				750

&lt;210&gt; 1837

&lt;211&gt; 749

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(749)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1837

nnnnnncttt	gaaccctttc	gaattccgtt	gctgtcgtgc	ctccaagatg	gtgagtcttc	60
ttgcgtggtg	aggggtgggg	ttcgggtgca	gactctggga	ttgtggggaa	gtgagagcct	120
ggagcacggc	tgaggggtgg	accgagtgtg	catttcattt	gctctggggg	tcggcgggat	180
ttgcggagaa	acaggagatc	cgagcggcgc	cttcctggag	gctgccgggtg	cggttgtgtg	240
ccggaaaggg	actgaggetg	ggtgagttgc	gccgttttcc	taacagtttt	cccatcctgt	300

```

cgcagacaaa gaaaagaagg aacaatgggtc gtgccaaaaa gggccgcggc cacgtgcage 360
ctattcgctg cactaactgt gcccgatgcy tgcccaagga caaggccatt aagaaattcg 420
tcattcgaaa catagtggag gccgcagcag tcagggacat ttctgaagcg agcgtcttcg 480
atggtaagtg ggtcaccggc gcgaactgtg tgaggatccc agtatcttaa agccttcgcc 540
caacttcgcc cttttggagg ctctgttcgt tggagcctct caggcaattt ccacgtattt 600
aangttgtta ctggtagaag agaattctct tgtttgccgt ttngattctt ttctggncag 660
aagggtgactt ttgtgataga gtgcacaagc ctttactctg aggtaaangg ttgctgtttc 720
ggttattaag attgcnaaaa ctanaaacc 749

```

<210> 1838

<211> 770

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(770)

<223> n = A,T,C or G

<400> 1838

```

tttaatcaat aantgctact tgttcttttt gcaggatccc atcgattcga attccgttgc 60
tgtegcggga gcgcacccgg ccggaagccg ctgtcgggga gccggcgggtg gggctggacg 120
cagggtgcaac tgacatgggt gaaccccagg gatccatgcy gattctagtg acaggggggt 180
ctgggctggt aggcataagcc atccagaagg tggtagcaga tggagctgga ctctctggag 240
aggactgggt gtttgtctcc tctaaagacg ccgatctcac ggatacagca canaccgcg 300
ccctgtttga gaaggtccaa cccacacacg tcatccatct tgctgcaatg gtggggggcc 360
tgttccggaa tatcaaatac aatttggact tctggaggaa aaacgtgcac atgaacgaca 420
acgtcctgca ctcgcccttc gaggtgggcy cccgcaagggt ggtgtcctgc ctgtccacct 480
gtatcttccc tgacaagacg acctacccga tagatgagac catgatccac aatgggcctt 540
cccacaacag caattttggg tactcgtatg ccaagaggat gatcgacgtg cagaacaggg 600
cctacttcca gcagtaengc tgcaccttac cgggtgcatt cccaccaacg tctttgggcc 660
ccacgaacaa ctttaacatc gaaggatngg ccantgtctt gcctgggctt cntccacaag 720
gtgcaccttg ggcaanaanc aacggnttcg gnccttgacg gtgttggggg 770

```

<210> 1839

<211> 753

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(753)

<223> n = A,T,C or G

<400> 1839

```

tttgaaancc ctttgcact tgetcttttt gcaggatccc atcgattcga attccgttgc 60
tgtegccttg aaatgtaaca aatggtacta cnaccaatlc caagttttta tttttaacac 120
catggcacct tttgcacata acatgcttta gattatata tccgcactca aggagtaacc 180
aggtcgtoaa agcaaaaaa aatgggaaaa tgtcttaaaa aatcctgggt ggacttttga 240
aaagcttttt tttttttgag acggagtctt gctctgttgc ccaggctgga gtgcagtagc 300
acgatctcgg ctactgcac cctccgtctc tccgggttcaa gcaattgtct gcctcagcct 360
cccagtagc tgggattaca ggtgcgcact accacaccaa gctaattttt gtatttttta 420
gtagagatgg ggttccacca tcttggccag gctgtcttg aattcctgac ctgagttgat 480
ccaccacct tggcctccca aagtgtagt attatgggcy tgaaccacca tgcccagccc 540
gaaaagcttt tgaggggctg acttcaatcc atgtaggaaa gtaaaatgga aggaaattgg 600
gtgcatttct aggacttttc taacatatgt ctataatata gtgttaaggt cttttttttt 660

```

tcaggaatca tttggaaaat caaaacaatt ggcaaaacttt ggattaatgn ggttaaagtg 720  
cagganacat tggattcttg ggcaccttcc taa 753

<210> 1840  
<211> 755  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1) ... (755)  
<223> n = A,T,C or G

<400> 1840  
aacntcggnt caaccntgc tgggtgtttan atgtaacntn ngntnctnca cccaatncca 60  
gtcttctntt tttnacaaaca tggcccaaaa aagcaaccag ggctatttgt acagtgaag 120  
gggtgaacag aatgggcggc tgtgctggga gttggaagac ngggcagnac cgctattnag 180  
agccatccct nactcagctg gcagggacaa gccaacgcca ggtagcatgt ggcacccctt 240  
gcccantgtc tgtggccttg caagtggcca cgccctgtgt canaccatct gggaattaag 300  
ctccagacag acttacagat gccttcctta ggagtctctg cttcttgctg tgatactttg 360  
ccccanaaag gcctgggatt cattctggnn cttatcaggg tgtgtccacn ctctgctnac 420  
aggnggatcc nccggctttc agtgengaca gnccagatgc ttcctgcagc ccangccccg 480  
ggcaccttct gnaaccatnt tgggctnaag acctgaagcc ggtttccctng gtccccnttt 540  
ccaacaagcc ttcaccaaca aagcttnggc caaannntn ccnttcnggt tgnttttnac 600  
ccngcttngg gcctncnagc nttgaanctt ggaaaannaa ntttttcccg aaanttgctt 660  
ntgggaaacc cnagggcnaa nggtttttta ggggaaggtcc naaaagggnn ttccggggcn 720  
ggnaaaccaa gnccccaagg nttntaaaca aggcc 755

<210> 1841  
<211> 838  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1) ... (838)  
<223> n = A,T,C or G

<400> 1841  
tactcgatcg antcgtgctg tegtacgggt actttgccca agtcaccccg angtcangcg 60  
ttanancagg aattngancc ccaaagctta nctnttancc ntttngntaa cnggntgtnt 120  
ttccaggccc ccntnaccnt ttcnntnacc ntccntgcc ccaggggcnt cntntcaaan 180  
ggcngtcccc cntcgnnttg cntcagcntn tccantttta agcttctntg ntctcctcnt 240  
gttgaagtcn tgggatggnt ttcccntntc anaaactgcn caanaaaca ccttgaggat 300  
ttgaacaaag gntattcaag gagtnttcaa gaatgaatct tcntaatcgt ggtcatgaga 360  
catgagaaaa aagggtgtcta ccacgtcttg tctctactca taaagacatt ggccagggtg 420  
ggnggctcac gcctgtaatc ccagcacttt gagagggcaa ggtgggcgga tcacctgagg 480  
tcagaagttc aagaaccagc ctggccaatg tgacaaaacc ccactctnta tnaaaataca 540  
aaagttaact ggggtgtggtg gcangtgcct gtaatnccaa cttcnttggg angcgaaggc 600  
aggaagaatt gctttgaacc ccgggaggcg gaggcttgca ntgagctgaa aatcacactt 660  
actggacttt caacctgggg gtacaaaaan ggganggctt ttgctttaan naaaaaaaan 720  
nnnnnnnnna aaaatttctt tggggggcgg gntttttttt cggnnnaatn cccancctt 780  
gtaaaaanaa ncctttgggn ggaggtttng gggaaaaaaa ccncnccnnn nntttttt 838

<210> 1842  
<211> 753

<212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(753)  
 <223> n = A,T,C or G

<400> 1842

nnnnntnttgt	ttgaaccnt	ttcnatnccg	tgctgtcggg	cacggtactt	tgcccaaagt	60
caccccgatg	tcaagcggtt	gagcaagaat	ttgaacccca	gagcttaact	cttaaccatt	120
ttgctaactg	gctgtctctc	caggccccca	tcacccttcc	catcaccttc	ccctgcccc	180
ggggcatcct	atcaaatggc	agttcccccc	tcgcttgctt	cagcatctcc	aatttagagc	240
ttcatggatc	tcctcctggt	gaagtcattg	gatggatttc	ccatctcana	aactgcacaa	300
gaaacaacct	tgaggttttg	aacaaaggat	attcaaggag	tattcaagaa	tgaatcttca	360
taatcgtggg	catgagacat	gagaaaaaag	gtgtctacca	cgtcttgtct	ctactcataa	420
agaacattgg	ccacgtgcgg	tggtcacgac	ctgtaatccc	agcacttttg	agagggcaag	480
gtgggcggat	cacctgangt	cagaagttca	agaccagcct	ggccaatgtg	acanaacccc	540
atctctataa	aaatacaaaa	gttagcctgg	gtntggtggc	aggtgcctgt	aatcccagct	600
tccttgggag	gcgaangcng	ganaattgct	tgaaccccg	taggcgnggc	tttgcatgga	660
gcttanaatc	acactactgc	actncaatcn	tngggtncaa	aagggaggct	ttgctanacn	720
anaatcnnta	anaaanttcc	gggncccnct	ttn			753

<210> 1843  
 <211> 748  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(748)  
 <223> n = A,T,C or G

<400> 1843

nnnnnnnnnt	tttnnacctt	cgnttcgaat	tcggttgctg	tcggacatca	cagcccctat	60
gaagaaaagta	gccacaatct	caaataacaa	aaggggaatg	tctaaaactt	tttcttcctt	120
aaaaatggag	aaaattgcac	ttgtgcttgc	tggtgtggtat	ataaaccagg	attagtccca	180
gggtcgtgag	gtttctggtg	aaaagggttaa	atcgtagaag	ctagtatatt	ttttatattt	240
ttgtaacaat	tgcttttttc	atggggggagg	cggggttagt	atttatagtc	ctaacaagtc	300
cagtaatttt	ttataaatct	tcagattata	aacagccctt	aaaaacttta	caacgtttac	360
acagtttttt	aaaaagagac	tgtatacact	tgatttgctt	tcaaaaataa	taagggtcagc	420
tagtctagga	ggttaacgtc	gggtaggaat	gctgatcatg	ataggtttgg	ttttctacag	480
attctgttcc	ggtgcctttc	ctatccaggc	accacctgag	aaagtgtgca	tttgagggtcg	540
cacttggaag	ttacatctgt	gaagtttctg	tcattcgtcc	agatctgtgt	gtgtagcatg	600
tgctgaggaa	gcacgtgctg	ggctgtgcct	cagacagtgc	atcaccgggc	accagagggc	660
ttgcctggct	attcctgttc	tggtgtgtgt	ggagtgttgg	ggaggaacag	atgcagatca	720
acctgtggct	gtttcccgtc	taggttct				748

<210> 1844  
 <211> 843  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(843)

<223> n = A,T,C or G

<400> 1844

```

nttcgattcc gtgctgtcgg gctgtacaaa aggtagacat aatagtgaga agccacctga      60
gccagtcaaa cctgaagtca agactactga gaagaaggag ctatgtgaat taaaacccaa      120
atttcaggaa cacatcattc aagcccctaa gccagtagaa gcaataaaaa gaccaagccc      180
agatgaacca atgacaaatt tggaaattaa aatatctgcc tccctaaaaac aagcacttga      240
taaaacttaaa ctgtcatcag ggaatgaaga aaataagaaa gaagaagaca atgatgaaat      300
taagattggg acctcatgta agaattggagg gtgttcaaag acataccagg gtctagagag      360
tctagaagaa gtctgtgtat atcattctgg agtacctatt ttccatgagg ggatgaaata      420
ctggagctgt tgtagaagaa aaacttctga ttttaataca ttcttagccc caagagggct      480
gtncaaaagg gaaacacatg tggactaaaa aagatgctgg gaaaaaagtt gttccatgta      540
gacatgactg gcatcagact ggagggtgaag ttaccatttc agtatatgct aaaaactcac      600
tttccagaac cttancccg gttgaagcca aatttgccca tttggttaan tggngcatta      660
tttggaattt tngaaagggg cannaaaggg aatttttggg tccaaaaaat ngtggaaaaat      720
ttntttgggg ggnttgtgga atntggaatg ntnaaaancc nnaanntttt tgttaancnt      780
atntgacctn ggcnnaccna angtatgttg gaanttcccc ttttttgtna ataaaaaaag      840
nct                                                                    843

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<210> 1845

<211> 815

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (815)

<223> n = A,T,C or G

<400> 1845

```

ttacttttaa cccttgcnan tccgggctgt cgggctgtac aaaaggtaga cataatagtg      60
agaagccacc tgagccagtc aaacctgaag tcaagactac tgagaagaag gagctatgtg      120
aattaaaacc caaatttcag gaacacatca ttcaagcccc taagccagta gaagcaataa      180
aaagaccaag cccagatgaa ccaatgacaa atttggaatt aaaaatatct gcctccctaa      240
aacaagcact tgataaactt aaactgtcat cagggaatga agaaaataag aaagaagaag      300
acaatgatga aattaagatt gggacctcat gtaagaatgg aggggtgttca aagacatacc      360
aggggtctaga gagtctagaa gaagtctgtg tatatcattc tggagtacct attttccatg      420
aggggatgaa atactggagc tgtttagtaa gaaaaacttc tgattttaat acattcttag      480
cccaagaggg ctgtacaaaa gggaaacaca tgtggactaa aaaagatgct gggaaaaaag      540
ttgttccatg tagacatgac tggcatcaga ctggaggntg aagttccatt cagtatatgc      600
taaaaactca ctttcagaac ttacccgagt agaacaataa gcacattggt aaatgtgcat      660
attgttttgg aaggagagaa aggaattttna tcaaatgggt gaaaattatt tgggggtgtg      720
attggatggt aaaagccgaa agttttgtta cctnttgact ggcaaccaa aagaattgnaa      780
tcacttntga gnaaaagctt gaaccgatg ccagt                                                                    815

```

<210> 1846

<211> 801

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (801)

<223> n = A,T,C or G

<400> 1846

```

gnnttnnacc ncnatcgan ttcggttget gtcgctgacg gcgcttttgt ctccgggtcc 60
agaggccttt cagaaggaga aggcagctct gtttctctgc agaggagtag ggctcctttca 120
gccatgaagc atgtgttgaa cctctacctg ttaggtgtgg tactgacct actctccatc 180
ttcgtttagag tgatggagtc cctagagggc ttactagaga gccatcgcc tgggacctcc 240
tggaccacca gaagccaact agccaacaca gagccacca agggccttcc agaccatcca 300
tccagaagca tgtgataaga cctccttcca tactggccat attttggaac actgacctag 360
acatgtccag atgggagtc cattcctagc agacaagctg agcaccgttg taaccagaga 420
actattacta ggccttgaag aacctgtcta actggatgct cattgcctgg gcaaggcctg 480
tttaggccgg ttgcggtggc tcatgcctgt aatcctagca ctttgggagg ctgagggtggg 540
tggatcacct gaggtcagga gttcgagacc agcctcgcca acatggcgaa accccatctc 600
tactaaaaat acaaaagtta aatacaaaag ttaacttggg tgtggtggca aaagcctgta 660
atccagcttc cttgggaagc tgaaggcngg aaaaaatgct tggaccccg ggaccgaggt 720
tacaagttag ccganatcgc acttggtgta cccaagcctg ggncccagtg caagaatcct 780
tttcaaaaaa aaaaaaaaaa a 801

```

<210> 1847

<211> 788

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(788)

<223> n = A,T,C or G

<400> 1847

```

gnnnnnnnnn nnnnttttn naactcgntc gaattccgtg cttgtcgctg ncggcgcttt 60
tgtctccggg tccagaggcc ttccagaagg agaaggcagc tctgtttctc tgcagaggag 120
taggggtcctt tcagccatga agcatgtgtt gaacctctac ctgttaggtg tggtagtgac 180
cctactctcc atcttcgtta gagtgatgga gtccctagag ggcttactag agagcccatc 240
gcctgggacc tectggacca ccagaagcca actagccaac acagagccca ccaagggcct 300
tccagaccat ccattccagaa gcatgtgata agacctcctt ccatactggc catatttttg 360
aacactgacc tagacatgtc cagatgggag tccattcctt agcagacaag ctgagcaccg 420
ttgtaaccag agaactatta ctaggccttg aagaacctgt ctaactggat gctcattgct 480
tgggcaaggc ctgttttagc cggttgcggt ggctcatgcc tgtaatccta gcactttggg 540
aggctgaggt ggggtggatca cctgaggtca ggagttcgag accagcctcg ccaacatggc 600
gaaaccccat ctctactaaa aatcaaaagt taaatcaaaa gttagctggg tgtggtggca 660
aaaggcctgt aatcccagct tccttgggaa gctgangcgg gagaattgct tgaaccccg 720
ggacngaggt tacagtgagc ccagatcgca ctggtgtacc canctggggc cacagtgcaa 780
gaattcat 788

```

<210> 1848

<211> 764

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(764)

<223> n = A,T,C or G

<400> 1848

```

actngntcnn atccngtget gtcgngntt agagttaaaa gtcaataagc attacaaaaa 60
ttgccatttt gacatcagca aatcaaattt ctctatctaa ttaaaggaaa accctttctc 120
ttattctctc tctcttttcc tcttctcttc ctctctctct atttcccttc tccttatecc 180
cttgtctccc tcttctgctc tttctctact tcctctntct ctttttctga tgtatgncta 240

```

```

tnntatattt tcagaaataa ttcagtggca tctcatgtag atgtaccact ttcttattgc 300
aactcagagt gcaattgtga tgaaagtc an tgggaaccag tctgtgggaa caatggaata 360
acttacctgt caccttgtct agcaggatgc aaatcctcaa gtggtattaa aaagcataca 420
gngttngata ctgtagttgt gtggaagtaa ctggctccag aacagaaata ctcancncac 480
ttnggggtgaa tgcccaagag atantacttg taccaaggaa nttttcatct atgttgcaat 540
tcaagtcata aacctctttg ttctctgcaa caggaggtac cacatttatc ttgttgactg 600
tgaagattgt tcaacctgaa ttgaaagcac ttgcaatggg gttttccagt caatggttat 660
aagaacacta gggaggaatc tagctccaat atattttggg ggctctgatt gataaaacca 720
tgtatgaagt ggnccaccaa cagctgtgga gcccaaggag cttt 764

```

&lt;210&gt; 1849

&lt;211&gt; 871

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(871)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1849

```

ctcgntcgat tccgtgctgt cggagctaga tggactagga gagacttgat tttggtgcta 60
aagttcccca gtccatattgt gacatctttt taaaaaaaaat aacaacaaaa aaaaaanngag 120
agaaangcta aaaaaaaang taggggggtga ccagttaagg gtttnnattc cncatncaat 180
atcngggtaa aacgattncc tgtaaaagta gcttnaangg ttttngctct aaaatnccgt 240
aggtctatcc ttagagcact cacgccatgc ttcttccctt ggggttnaaa cttcatataa 300
ctttcanaaa tnggagagca aaaatttngc tngtcactgc acatcaattt aaaaaagctt 360
atttaactta tcaaaacgtn tttattgcca aactatgctt tttttggtaa atttgnccat 420
attaatcggg atgacaaatc catagaatnt atcctttnat gtnaaattat ganctcatat 480
taatcttaaa attttngac gngtcttttc cctttttttc cacagttaa atataataat 540
cttaaccgac atttttngga acctttacac tttttngggg aatttaantt ttaaaaaaaa 600
attgaaaaaa nttaaat tttt aaaaaaaat ggccnaaaaa accctggtng ggaattaatt 660
taaat tttt aaaaaaattt tcccccccn ttttgggggt ttgggggaacc tggccaaaaa 720
ttgggaagnt ttncntttt nccnnntttt taaagggncc ctttttttnc ccaaaccttt 780
gggggaccct gggaaaaaan tgggnnttn ggtaaaaaaa agntttnctt ggggggaacc 840
cnggntnccc ccnnnaaagg gggnaaaann c 871

```

&lt;210&gt; 1850

&lt;211&gt; 936

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(936)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1850

```

ttgnancnct ttcgaatccg tgctgtcgcg ggtgagttag agagttgggt ggtgttgggc 60
cggaggaaag cgggaagact catcgagcg tgtggntttg agccgccgca ttttttaacc 120
ctagatctcg aaatgcacg tgattcctgt ccattggact gtaagggtta ttaggcaat 180
cttgaaaca atggcaaca gacggaattg gaacgggctt ttggctacta tggaccactc 240
cgaagtgtgt ggttgctag aaaccacccc ggctttgctt ttgntgaatt tgaagatccc 300
cgagatgcag ctgatgcagt ccgagagcta gatggaagaa cactatgtgg ctgccgtgta 360
agagtggnac tgtcnaatgg tnaaaatnga agtttgaaat cgtggccac cttcctcttg 420
ggggctgctg ccctngagat gattatccgt atgaggagtc cntccacctn gttncanact 480

```



```

tccaanaang gagaaagctt tttnttcnca ncccgggnagc caangtcccc ctttttctag      540
nagaattngg annaantaat tagtangant cctctttgtt ttcgggggnan nanaaaaaat      600
tcnnccaaag anccngttcc nccggantcc cttttcttcc taaggggtct ttcgggtaan      660
ttecgnantc cntatgggct ccaaaanttg gaaatngggg taattttatg caactctacc      720
aagtttttgg tcaanctaaa aaaanttngg ntttgtcncc cnggggaaaa attttncttt      780
taatttnttn ancccngnag ctttttgntt cccctgaaaa nttttccaaa gnttttnggt      840
tttttnaaaa anttttantt aaaacntttg gnccccantt ttttttaaaa nnatgttttt      900
aaaaatcctgt gttctcnaaa antctngttt tngcct                                936

```

<210> 1851

<211> 756

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(756)

<223> n = A,T,C or G

<400> 1851

```

gtnannccctn ngangcggca gnetgcttnt ngccaancag tcctattgng aggtctnnggc      60
tatcaggcca gntgtnanac cactccatgc actgggtgtg ctctgtnggn caggggnetgg      120
gagggaaact ncctntcctt cccttaacca agcatgaatt atgtttgtta gcaaacctct      180
ctgggaatat atgtcaagcc acattcctcc tggggcagct gcaacttcag ggcttcacaa      240
taaacagttc tgaaaaccag atattatctg caatttagca tacagcatgg aattatgata      300
cataattcac tatgcttcag agaatagggc tgcaagaaga taaaataagg gttttaattc      360
ccagctatct ctctcaaatt ttaagagaga tggtatggac tgtgctctcc ccacaaccg      420
gcccataagt cgcagtgtga agttcttacc tctagtacct tggactgtga ctatatattg      480
aaacagggcc tttaaagaga cagttaagtg aaaaggaggc ctttagtatg ggcctagtgt      540
aatctgccag cccttatcag attaataaag ntaataacnc ngaaagatcc ngagatgcnt      600
tagcgcaang aaagacatgt gacncaccaa gagaagcagc catagcaacc aaaacagtgg      660
ccttagaana atcaaccctg cngtccttgt ctgggacttt cacttccaaa tgtaagaaag      720
aactcngatg ttaagcatcc tctgngaatt tgttgg                                756

```

<210> 1852

<211> 762

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(762)

<223> n = A,T,C or G

<400> 1852

```

tcgtctgaan cgggcagcac tgtcattcat agccaaacag tcctattgag aggtcttggg      60
ctatcaggcc agctgtcaga ccactccatg cactgggtgt gctctgttgg tcagggactg      120
ggagggaaac taccttcctt tcccttaacc aagcatgaat tatgtttgtt agcaaacctc      180
tctgggaata tatgtcaagc cacattcctc ctggggcagc tgcaacttca gggcttcaca      240
ataaacagtt ctgaaaacca gatattatct gcaatttagc atacagcatg gaattatgat      300
acataattca ctatgcttca gagaataggc ctgcaagaag ataaaaaag ggttttaatt      360
cccagctatc tctctcaaat ttttaagagag atgttatgga ctgtgctctc cccacaacc      420
ggcccataag tcgcatgttg aagttcttac ctctagtacc ttggactgtg actatatattg      480
gaaacagggc ctttaaagag acagttaagt gaaaaggagg ctttagtatg gggcctagtg      540
taatctgacc agcccttatc agattaataa agttaatac acagaaagat accagagatg      600
cattagcgca aaggaaagac catgtgagcc ncacnaagag aaggcagcct nggcaagccc      660

```

aagaacagtg gccttagaag aaatcaaccc ctgccagtac ccttgatctt ggacctcca 720  
gctttccaaa attgtaggaa aaggaactcc tgaggtnaa nn 762

<210> 1853  
<211> 788  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(788)  
<223> n = A,T,C or G

<400> 1853  
tactcgatcn nattcgnaac cgtgctgtcg cattaacttt cagtttcccc atgttacttt 60  
tgtaacaggg atttgagacc ttaaactgtt catcaaagta agccctaata gaaaggcaga 120  
gcaataagag cacatgctga tgtaattctc ctttgcaagg agaatttcat ttagttccat 180  
tgtcatatag accagtgtca ccccttttcc ctgattccta ctgttaacaa ctatttttca 240  
gtgcctttga agatactgac ccttctacct gccagctgt ttttaaacag ctggagcgtg 300  
atgatggta taaaatatat aagtgtttta gcatgtacag taaaactagg ttgttttagtt 360  
aaacatagag ttttgcctac tttttcaatt cgtttgactg cagggtgtgg catttagttg 420  
caaaccattt ccatagtctg ctccactgt ccagttaatc tgtttttttc ccttctatc 480  
atctgagcat tcatctgtca tttccttctt ttttatttat ttatttattt atttatttat 540  
ttattttgga gatggagtct cactctgtcg ttcaggctgg agtgcagtgg tgcagtctca 600  
gtcactgca atctctgect tccaagttga agcaattctn ctccctcagc ccttctagt 660  
agctggggat tacaggtgtg gtatcaccat ccttggctaa tattgtnttt taanaagaga 720  
tgggngnca ctatgttggc cangctggcc ttgaactcct gacctcaggg gaatcttcct 780  
ccttggcc 788

<210> 1854  
<211> 994  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(994)  
<223> n = A,T,C or G

<400> 1854  
tngntngacg ntgagagacn gtgtaaggcg tgntanagcg agnctatttc attacgtgnc 60  
anccctntta tcagtaatac cnaacgactt gccatggagt cacagcgetg tgctacganc 120  
cagggnatca gccctaggag ggccnctnag gggagaacta ggtgtncaga aancngtatg 180  
tggtgaaant ctngngngan ggtgtgggnt nngantacnt agngnntatc ctnnnancac 240  
ttannnnnnn cntttnnccn ngggnttgaa atnnncanang ccttngacaa atnngagngc 300  
caaagtntng gnnnnanctg nnccttnnna anannnnnct tgtgtncetta ccaaacgna 360  
tttnattgcc cnaactnaten ntnnancnnt gttannnttc ngacnanttt cntgnnnnntc 420  
nncaacaccc ntcttaataa ttacctnctt ttnatgntg aantttanng ananccccc 480  
tntcattana ccccnataca anaattntnt nncnctnca tcnntnnntt atatccccc 540  
tnatttcttt ncnccctc ctnatntgct tgacaanaca ttgtgnntcn nnannntntt 600  
ttaaancggn ccttctctnt ctntactcgg gaaaanactc tttntcacac antctntttt 660  
actnttttg gggggcataa atctcctaaa atctntctcc ncaanacgaa caacanagcg 720  
ttctcaaaant nggcantnta anactcttct cttacaaaaa ntnttcgngc nccnnnanat 780  
caatctccnt gcncncngg anttttncct tcatctantt tcttngggga tnaaaaattt 840  
caccccccnc ttntcttngc gtcttngctn nntannctca natnngngng nttgnntnt 900  
ctcctctctt ttacgggctc nntccccaan ntttngnnnc nttnnaannt ttntcnttaa 960

anctncttnn gccnncntcc caaacagnaa aann

994

<210> 1855

<211> 914

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(914)

<223> n = A,T,C or G

<400> 1855

ttctgcgga	gctcccgcg	agcggaacc	tcattgtggt	ggagagcgtg	ctcatggcng	60
tggccttct	gggccatgct	gatggtgctg	ggtttgngcg	gagccgctta	ccggcccaag	120
gaggagatcg	atctgcgcag	cgtgggctgg	ggcaacatct	tccagctgcc	cttcaagcac	180
gtgcgtgact	accgtctgcg	ccacctcggt	ccttncttta	tctacagcgg	cttcgaggtg	240
ctctttgcct	gcactggtat	ngcctttggg	ctatggcgtg	tgctcgggtg	ggctggagcc	300
ngctgcctta	ccctcctcgt	tgcttacagc	ctgggcccgc	tcacccnct	cactcntggg	360
cctgnntgng	cctgtggctg	ccacgcccgg	tgcccnngtg	gctgnagcaa	gggnttgcac	420
ctgctagctc	acccttcant	cctctttttt	ncgtggggccc	ccctgcgccc	tntngngtcc	480
ctgcaacaca	anctngaat	ccttcatatg	ttngnantca	tggncnctt	tcggaggcnn	540
ngggncnagt	cgccctgna	acaaagaact	ttgggncttc	natcancaat	cttcnatggg	600
ggaaaaatct	ttggnatcc	aaanancnt	tcggnaacan	nanctnnggc	aancntncac	660
anncttcttn	anccantctc	tntaacncan	acnttggttt	ngnacaaagg	tatcttagtn	720
tgggcncaaa	ntatttcnna	cccgnngcgt	tcancnccctn	ggggnncttt	tctctnaatn	780
cccttgtctc	tannncttna	ataaaggngc	cctctaaaac	acnctngnnc	ntcacatctc	840
tcacatctag	tttctacnna	tgnanactgc	actctctgtt	ctcnggactn	gcgtccnttc	900
acttctttnt	tcct					914

<210> 1856

<211> 804

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(804)

<223> n = A,T,C or G

<400> 1856

nattcnaccn	cgntcgcccc	gggacctcag	cggttcaac	aagacggttc	tgcggaagct	60
cccgcgagc	ggaaacctca	ttgtggtgga	gagcgtgctc	atggcagtg	ccttcctggc	120
catgctgctg	gtgctgggtt	tgtgcggagc	cgcttacagg	cccacggagg	agatcgatct	180
gcgcagcgtg	ggctggggca	acatcttcca	gctgcccttc	aagcacgtgc	gtgactaccg	240
cctgcgccac	ctcgtgcctt	tctttatcta	cagcggcttc	gaggtgctct	ttgcctgcac	300
tggatcgcc	ttgggctatg	gcgtgtgctc	gggtgggctg	gagcggctgg	cttacctcct	360
cgtggcttac	agcctgggcg	cctcagccgc	ctcactcctg	ggcctgctgg	gcctgtggct	420
gccacgcccc	gtgcccctgg	tggtgggagc	aggggtgcac	ctgctgctca	ccttcatect	480
ctttttctgg	gccccctgtg	ctcgggtcct	gcaacacagc	tggatcctct	atgtggcagc	540
tgcccccttg	gggttggtgg	cagtgccctg	aacaaaagact	ggactcagca	caactcctgg	600
gaatcttgta	cgaaaaccaa	ggaagaaaca	nggacttcat	cttcaccatc	taccacttgg	660
tggcangctg	ngggcatctt	taaccngta	cctgggcttc	gaaccttgca	catgaaggct	720
aaacttggcg	gtgcttgctg	gtgaacctgg	tggcgggccn	ctatctacgt	aaaatcccaa	780
acttgataag	aaacctttga	tgan				804

<210> 1857  
 <211> 803  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(803)  
 <223> n = A,T,C or G

<400> 1857  
 tnattcnacc ncgntcgant ccntgtctgtc gaataaaaagc aaacagaaca ctccaactta 60  
 gaagcaataa cggctgccgc agcagccagg gaaagacctt ggtttggttt atgtgtcagt 120  
 ttcacttttc cgatagaaat ttcttacctc atttttttaa gcagtaaggc ttgaagtgat 180  
 gaaaccaca gatcctagca aatgtgccca accagcttta ctaaaggggg aggaaggag 240  
 ggcaaaagga tgagaagaca agtttcccag aagtgcctgg ttctgtgtac ttgtcccttt 300  
 gttgtcgttg ttgtagttaa aggaatttca ttttttaaaa gaaatcttcg aagggtgtgg 360  
 tttcatttct cagtcaccaa cagatgaata attatgctta ataataaagt atttattaag 420  
 actttcttca gagtatgaaa gtacaaaaag tctagttaga gtggatttag aatatattta 480  
 tgttgatgtc aaacagctga gcaccgtagc atgcagatgt caaggcagtt aggaagtaaa 540  
 tgggtgtctg tagatatgtg caaggtagca tgatgagcaa cttgagtttg ttgccctgag 600  
 aancangcgg gttgggtggg angaggaaga aagggaagaa ttaggtttga attgcttttt 660  
 taiaaaaaaa gaaaagaaaa aagaccgcct ctccntttgt tgcccaagct catctttgan 720  
 aaaccangcn gtttgggtgg ggaggaggga aaaaaanggg aanaattang gtttgggaatt 780  
 gnntttttta aaaaaaaaaa aat 803

<210> 1858  
 <211> 739  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(739)  
 <223> n = A,T,C or G

<400> 1858  
 tcgntcagnn ccgtgctgtc gaataaanca aacagacact ccaacttaga gcaataacgg 60  
 ctgccgcagc agccagggaa gaccttggtt tggtttatgt gtcagtttca cttttccgat 120  
 agaaatttct tacctcattt ttttaagcag taaggcttga agtgatgaaa cccacagatc 180  
 ctacaaatg tgcccaacca gctttactaa agggggagga agggagggca aagggatgag 240  
 aagacaagt tcccagaagt gcctggttct gtgtacttgt ccctttgttg tcgttggtgt 300  
 agttaagga atttcatttt ttaaaagaaa tcttcgaagg tgtgggtttc atttctcagt 360  
 caccaacaga tgaataatta tgcttaataa taaagtattt attaagactt tcttcagagt 420  
 atgaaagtac aaaaagtcta gttacagtgg atttagaata tatttatggt gatgtcaaac 480  
 agctgagcac cgtagcatgc agatgtcaag gcagttanga agtaaatggt gtcttgtaga 540  
 tatgtgcaag gtagcatgat gagcaacttg agtttgttgc cactgagaag cagccggttg 600  
 ggtgggaaga ggaagaaagg gaagaattag gttgaatgct ttttaaaaaa aaaggaaagg 660  
 aaaagacagc atnttactnt gttgccaaagg ctcatcttga gaaacagccn gttgggttgg 720  
 gaggaggaan aaagggaat 739

<210> 1859  
 <211> 786  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(786)  
 <223> n = A,T,C or G

<400> 1859

tactcgtacn	nnnnccgatt	ccgngctgtc	ggaagaacat	aaacaggatg	ctgagagatt	60
gggtctctcc	acattgcccc	ggctgctctc	cacccctgag	ttcaagtgat	tcacctccct	120
tggcctccca	aagtactggg	attacaggcg	tgagccaccg	tgcttggtcg	agaagatgga	180
tttaagacat	atthttggagg	taacattgtc	aggacttcct	gaaggattag	atgtggaagg	240
gaaggataag	aaacagacca	aggataactt	tcaaattgtat	gcttaagcaa	ctggatggat	300
aatgatgcc	ttgagttagt	gaaaaacttg	atggaagtgg	aagattcaga	gttcatttct	360
atctaggtta	atthtgagaca	taccagagca	taagttaagt	aagtaattga	atattggagt	420
ggagacttat	ttgtctaccg	aattattgtt	ttctttgtcg	gacatacacc	tacactgcat	480
tcctcaaagt	aaaattttaag	tgtggctctg	tgcttatgct	ctccccagcg	gaaagtgacc	540
agaagagggt	tgacgtttcc	aggcctggcc	catacagacc	tccaacangt	gctcccctgt	600
gctgttactc	cttctgccac	tggaagcaga	tggtgaccag	ctctggaana	angcaaggcc	660
tgaagatggg	agattcctaa	gtggaggaga	actgngccct	tctgacctaa	atatncactc	720
atattgggtat	gtgaagaata	aataaacctt	gtgttgacct	nttaaaaaaa	aaaaaaaaaa	780
aaaaat						786

<210> 1860  
 <211> 1431  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1431)  
 <223> n = A,T,C or G

<400> 1860

cgngggccnn	ngngnnnnna	nnngaaaagn	annnnnnann	nnnnnnnnnn	nnnnngnana	60
gaanangnnn	nnnnnnnnna	nnnnnnnaag	nagannnnng	anncaannng	nnnnagagaa	120
ngnggcacga	gannnnnaccn	ggcgagaana	nnncgngngag	agnaanngtc	naggnnnann	180
nnnnannnnn	ngngnnngnta	tgacgttnaa	acccttcggg	nnagacangn	ccgccagtat	240
ggccaggctg	ggggacnnaa	ctnggcggac	tacgggnaga	ccnggncgnt	tttggcctct	300
ttttntgtcg	cggaannag	aggcggagga	nccacgnnna	cngggccgaa	ancangggcc	360
ngtctnataa	ngncgcnnan	nancgcgcng	gangggcggn	cnngnaagat	gancggnnan	420
gcgcnnagan	angaggcnan	nnnggcnggg	caagcnnnna	nnngnagcag	ngtgngnaga	480
naangnccga	ggcngnnngn	cganannng	gantcgggag	ncannngnna	ngagnagan	540
acaaaanggn	aatgggcnna	nnnncgnggn	gnncgnnnag	cnanggangc	cngagnncgg	600
gngacannca	gcaagagnca	cnnncgangg	nagacntccn	gcncgnaggg	aaagccnana	660
anangcgcn	ctggcnnang	cgngngnnng	aagagnnag	nnngnnngnn	nnnnngnggg	720
tgcgacgacg	aggncnnggc	agnaggcaag	gcangggcg	ggnnnnnagag	gnaaagcgcg	780
naancacggn	ngggagnngn	ggnanggata	gcggngaaan	acgacggnan	ggggacagna	840
gnngaggngag	cgngagcgcn	anacgcgnnn	gcggacnang	cggnangann	gnanggcacg	900
ngggaangng	gnggnagaga	gngggaangn	gngngnangnn	gcngcnnaaga	ggggacacgn	960
ggnggggggg	agnaaagnng	ngggagganc	gnggnnatng	naatnanngg	gnannaacgg	1020
gnanangggg	gcgangcnna	nnncaaggga	ngngcgancg	ganggggnan	acgctaaaag	1080
cgnaaaagtgg	anngagggga	anngcggata	nnnnngnantn	ntangagaag	anaagcganc	1140
gagggntggc	gngcgaaaana	nanacgggag	gannacaaag	cgnnncanggg	ggggcncgag	1200
ngggngggga	cnngggnnnng	aaggggggga	cggnccnnna	ggggcgcnng	angnggcana	1260
aaatgaagag	gnggggggag	gnggacntgg	tctgngggcg	agaaaagnng	cnggcacgna	1320
ggacaagaaa	nnnggggggn	nggganaana	ngacagggng	ggggggaagg	tngaaaangg	1380
nggaanaagg	ggaganannn	nccnnggggn	ncgtaannag	nannannng	c	1431

<210> 1861  
 <211> 756  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(756)  
 <223> n = A,T,C or G

<400> 1861  
 ngtcnnnanc ccttccgcag cgcagacgga accgcgatgg tggcaccttt attagtgatg 60  
 cagacgacgt cgtgagtgcc atgacgtca ngatgaatga agctgctgag gaagacagac 120  
 agttgaacaa tcaaaaaaag ccagcactga aaaaattaac ttactgcct gctgtagtta 180  
 tgcaccttaa gaagcaggac cttaaagaaa cattcattga cagtgggtg atgtctgcc 240  
 tcaaagaatg gctctcacct ctaccagata ggagtttgcc tgcactcaag atccgggagg 300  
 agctgctgaa gacctgcaa gagctgccta gtgtgagcca ggagaccctg aagcatagt 360  
 ggattggacg agcagtgatg tatctctata aacaccccaa ggagtcagg tctaacaagg 420  
 acatggcagg gaaattaatc aatgagtggc ctaggcctat atttggctt acctcaaact 480  
 acaaaggaat gacaagagaa gaaagggagc agagagatct agaacagatg cctcaacgac 540  
 gaagaatgaa cagcactggg ggtcagacac ccagaagaag acctggaaaa ggtgctgaca 600  
 gggagaagag aaggctctta gacctgggag atnctggatt tgtgccccgt gccaaagggtc 660  
 ccaatgcctt caaacaagga ctatgtntc aggcccaatg gaatgtggaa atggagtcac 720  
 ccaggtttca gcgacctcca aaaaggatc aatccn 756

<210> 1862  
 <211> 778  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(778)  
 <223> n = A,T,C or G

<400> 1862  
 tnacantgaa ctctttggaa anccccnget gncgggaagc tcgatgtccc aatattggag 60  
 agtgttgggg aggtggagaa tatgccaccg ttttnccacg atcatgttga tgggtgacac 120  
 atgtacaana ggttgcagat tttgttctgt tnatactgca agaaatcctc ctccactgga 180  
 tgccagttag ccctacaata ctgcaaaggc aattgcagag tggggctctg attatgttgt 240  
 cctgacatct gtggatcgag atgatatgcc tgatggggga gctgaacaca ttgcaaagac 300  
 cgtatcatat ttaaaggaaa ggaatccaaa aatccttgtg gagtgtcttt actcctgatt 360  
 ttcgaggtag tctcaaagca atagaaaaag ttgctctgtc agggattaga tgtgtatgca 420  
 cataatgtag aaacaagtcc cggaattaca gagtaagggt cgtgacctc nggccaattt 480  
 tgatcagtc ctacgtgtac tgaaacatgc caagaagggt agcctgatgt tatttctnaa 540  
 acatctataa tgggtgggtt aagcgaagaa tgatgaagca agtatatgca acaatgaaa 600  
 gcccttctgt gaggcagatg tagactgctt tgacttttag gacaatatat tgcagcccac 660  
 aaggcgacac ctttaangnt ggaagnaata ttattacctc cctgaaaaan tncaaatat 720  
 ggggaaaaaa gtagggaaat ggaccttga attcaattat aactgcaaag tggncctt 778

<210> 1863  
 <211> 1574  
 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1)...(1574)  
 <223> n = A,T,C or G

<400> 1863

cnagaacnacg	gngnacann	gggnnnngcc	nnnaaggggn	agaaggggng	aaannnnnan	60
nggggnnnnn	gggnnnnaan	nggangnnng	ggaaanccga	nnanggcngn	nangncnaan	120
gnnagcggng	ncaagncngn	ancgggaccn	ggannngcnn	ggnggggnann	ncaangcgga	180
acggnnangc	gannnggngn	ngcnaanggg	ananggnng	cagcacgaca	cagaagnnan	240
ngcaaggann	nnnnnnnnnn	nnngnnntcgg	gaatnccgga	aancccttt	tggnggaann	300
gnaccgcacg	caaganacgc	agggacgggg	acncnccnac	ngactnggng	acgccggncn	360
gctccnacgn	gcacngcang	ncggnacnga	ngnagacacc	anngcacgaa	ngaangggcg	420
cgggcaggng	agnggnctgg	cgggggcngc	gaagacnggn	ggncccacan	ngaagcaggg	480
ngcnatgacc	gancctnang	caggcgcneg	aangggaccn	tcgacncgca	tgngggagna	540
aggagggng	acgagaancg	taccnngcag	gnaagantgc	agggnggngg	ncgcnngcagg	600
cgncntgggg	cgncngggcnc	angngcganc	annngnctcg	ncagaaggag	nagcccgnac	660
cnaatngng	agacgccnan	gccacgnagg	cncnncngn	angaggnang	cnnancncna	720
ggcncaaagg	ggacncgggc	gcagagncgg	acaccacgag	gangggcnag	anggnngggg	780
ngcanggaag	nccggngatg	cgncgagngg	gaangagnng	nccagggagg	ncgacnangg	840
ccnncnnng	cgngggcnc	gaacanncta	cgangaancg	gngnncgagg	ggcncacagn	900
ngtgcccngc	atggngggca	gnaaaggccg	agcgnccgna	ggcancgcgg	ngcncanant	960
agganagggg	cngcatctaa	ggggcncaca	anaaaggggn	gngaagcgnc	aggnacnaan	1020
ggngggncag	ggnacgnggg	ccccgnccg	aaaccanacg	nnagcnaacn	ngggggcgan	1080
acgccgagg	gggcananac	ggcgccccna	ncgaggagg	tcnccacnn	gnggggnaac	1140
gcncagangn	gagcangnta	aacacngcgg	gagcgaanng	ggggnnncac	agcgaacgnc	1200
gtcgtntan	gcgggagggg	ggaagggng	gaaaaannca	anncncncga	gngngaaanc	1260
nacggggang	gcaancntan	gcgncnnng	ccnccctcgg	gnggtcgggg	ggagcncac	1320
gggggngcag	caacngngana	aaantantaa	cgtacnnang	gaaagggggg	ggcngcngcc	1380
gnancgaatn	gacangggnc	anacnggaag	gngacngaag	gggggggngn	ggcgacanna	1440
aagggngcan	gacgggacng	nnggggnggg	gggacggacg	ncacgngncg	cnnntgcngg	1500
ggggngcggan	ngcgnggaag	ggangcggnn	ccnggacgna	aacnaacgcn	ngngagcgca	1560
cgcggggng	agcg					1574

<210> 1864  
 <211> 747  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(747)  
 <223> n = A,T,C or G

<400> 1864

tnttgtagcc	cctntcgant	tccgttgctg	tcggcctcgg	ccccagcagc	cacagcagga	60
ggaggtgaca	tcacctgtcg	tgccccctc	tgtaagact	ccgacacctg	aaccagctga	120
ggtggagact	cgcaaggtgg	tgctgatgca	gtgcaacatt	gagtcggtgg	aggagggagt	180
caaacaccac	ctgacacttc	tgctgaagtt	ggaggacaaa	ctgaaccggc	acctgagctg	240
tgacctgatg	ccaaatgaga	atatccccga	gttggcggt	gagctggtgc	agctgggctt	300
cattagttag	gctgaccaga	gccggttgac	ttctctgcta	gaagagacct	tgaacaagtt	360
caattttgcc	aggaacagta	ccctcaactc	agccgctgtc	accgtctcct	cttagagctc	420
actcggggcca	ggccctgatc	tgcgctgtgg	ctgtccctgg	acgtgctgca	gccctcctgt	480
cccttcccc	cagtcagtat	taccctgtga	agccccctcc	ctcctttatt	attcaggagg	540
gctggggggg	ctccctggtt	ctgagcatca	tcctttcccc	tccctctntt	cttccctctg	600
cactttgttt	acttggtttg	cacagacgtg	ggcctggggc	ttctaacagc	cgncttctan	660
ttnggggcta	gtcgctgatc	tgccggttcc	gccacctgtg	tngnaangag	gccacnggca	720

ctanggggaac cgaattctac aatccccg

747

<210> 1865  
 <211> 858  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(858)  
 <223> n = A,T,C or G

&lt;400&gt; 1865

atctctnaaa	ccccttttcg	antccgttgc	tgtcggatat	ggcaatgcnc	ctgccccggc	60
tnaaccaccg	gcggtgcncg	ccagctgtan	ggttttccnc	tcccagtngc	ctgcagggtgn	120
cnacaagaaa	gaaggcncag	gncgctcaaa	acagntaacc	agccttcact	tgaggactgg	180
tgtgaagggtg	cttgntactg	ggggaagtga	ntctgaggga	ggggccttac	cacaagttac	240
cttggaaattt	gggaatgac	ccaaantncc	aaagacgtan	aactnnggatt	gctcggnttc	300
caaaactccg	ctgcaggaat	gcttgtcctg	gtgctgcccc	tctngccttc	tgggctgcgt	360
ctttctgcct	actacatctg	tgttgcagat	gaggatgaat	acanggantt	tttcnacctn	420
gatcatgccc	acacccttct	tgangggact	atcaaccaga	aangaaaggc	attggccatg	480
ggatcaattt	gcttttncca	aaagcctttc	cttaatggat	gggntgaatg	naaaaaatat	540
tgaagaaaga	accatttatt	taaaaaagt	ggaagaatca	aaaaccnttt	ttacaaaatt	600
tcattggaaa	nccgnaaatt	tgcttggctt	tggtncang	aancccanan	tttttggang	660
gttatttccc	tnggagtngg	ganaagnccc	cctctttttt	tgaaccttgn	cctttacaat	720
ttnaaaaaag	tcaaccggag	ccttcccca	ccctngcaac	ccaagtgtgn	gggaagggcc	780
caaaaggatt	ttttggangt	ttcaancntt	ntgccacccc	cctgggtcaa	cattggttca	840
aanaaatggc	ttaatttt					858

<210> 1866  
 <211> 1298  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1298)  
 <223> n = A,T,C or G

&lt;400&gt; 1866

cncnncacc	nnnnnnnngn	nnnnnnnnnn	nnngannaaa	nnnnnannnn	gnaanngcnn	60
nnngnnnaa	nnnnanngca	annnnnnann	ngnnnnnnnn	nnnnnnnaann	nanngcga	120
nnngcnnann	ganncggn	gcgnnnacnn	ccnanannnn	anngnnacnn	nannnnagnn	180
ganncacnng	nnannnanga	agngangnaa	cnnnnnnnnn	nnnnnnntag	aaacggaaac	240
ccntttggcg	aaagncnngn	ggangngcga	gcncgnccnn	gcggggnnng	ccngagggaac	300
cnggnngncc	ggcnggaaag	cggggggcgg	gggggcatng	gcaaaancgaa	aaggcgggac	360
cggggcccgg	ggggggccag	gncctagacg	gccaaagccc	ggggaggggg	gccccanga	420
aangcgnacc	ccggggccnc	anccganccc	aaaaaaagg	annnnngggg	cgnaggaccc	480
cagganaaaa	aaaaaagggn	gtnaagaanc	cggnaaantt	nnggaaaaan	aaaaagccng	540
gnccangggg	naaannnnntc	ctnttccang	gggcaagccn	gggagaanga	ancagnnagg	600
ccnnggggga	acaaggancc	cccgcactgg	nnccgaaaa	tnnttncggcc	tnaccanggg	660
gcgaacnaaa	aanaaagggg	ccggggngc	cancnccnaa	gcccnaaaag	gaggaagnng	720
gggggganacc	cggaaccng	gnacccncc	ccagggaagg	ggcccaagng	nnagggccga	780
ngaannaagt	naanccagna	aggnnnnaaa	aaaggaaaaa	atnncccacc	anaaaaggga	840
ntanangggga	nangggccacg	ccccaaaang	gaaaaaaagg	ggggccatgg	gggnnccccn	900
ngggannngac	ccaaaaacnn	nccnaaagan	aaaggggggg	gaaannaccg	nngacnccaa	960



anggggnnacc	cccccaaac	ccaaagggnt	cttcccnc	caagggaaacc	agggcccaaa	1020
aaaanggggg	gtngggggga	aaaaantngg	ggaaaaaccg	gnaaagaaac	canatcnagg	1080
gcgcanaaaa	gggaaaagga	aangaaaagc	ccnntatncc	aaccctntgg	gggacnagng	1140
gataaagggn	acccccggga	naaanagggg	ggaanaactn	gganggaaat	naanaagggg	1200
aacaaagaag	naaaggggcc	ngnacgggaa	ttaanggggc	ccgccaacaa	naannaangg	1260
ganccanagc	cagnaaaggc	cngncanaaa	aaaaaang			1298

&lt;210&gt; 1867

&lt;211&gt; 755

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)... (755)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1867

tactgacccc	ttgcgantcc	gtgctgtcgc	caaacaaaca	ttgcagggtt	gatcctagtc	60
ttgaaagtcc	gggcctttcc	tcttggcctg	tttctggagg	aaatgctcat	gagggtgggtg	120
agaggcggtt	gacatcctgt	cgctctggcc	tcaccctggg	gatgccacat	gacagcaccg	180
cagcattttc	aataggtgac	ccacctgcga	ggaggaagga	aaaatgtgcc	caaggccatt	240
atggagaaca	aacacctatg	cagttggaga	atgctgaaga	caccaagggt	tgttgccttc	300
tccctcctga	gagaagctaa	gaagatccag	gcttagagtg	ctacagaaat	agagatttag	360
gatagaaaaa	aaggaaggat	ttcctaacta	ccaccagggc	tatgaggcac	tgatatgact	420
tacttgtgaa	cacagttgta	tagaattggt	atgtggcaaa	gacgaaagat	cacgttgtaa	480
tgtcttttca	cgtatccctt	ggtggcagca	gtgggcagca	taaaagtaca	agatggcagg	540
tggaatcttt	aaccttgggt	tctggangcc	gcatgatagg	gttgacagtg	attttccttc	600
tctacangct	tgggcccctc	ttctgttttc	tcacattcct	ccatcctant	attctttgaa	660
tctgtcttnc	ctncccttga	gatctggctc	taacttaagc	ccaatattca	gaccaacttt	720
accttgtctt	tttnaccaat	cacaggccga	ntttt			755

&lt;210&gt; 1868

&lt;211&gt; 758

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)... (758)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1868

tnttngaanc	ccttttcgaa	ttccggttgc	gtcgggtttc	tcttgaatta	ttttggaaca	60
atgccaggat	ccaaactgat	taagttacag	tttaagcacc	cttcagtatt	aatatatacg	120
gtattatata	acagggtcaac	aagtgtctct	tgatgataaa	acttgtaata	gagcaataat	180
tgtaaatggt	taccatactg	taagatattt	tgataaaaa	taactagtaa	tacttgtatt	240
tatttgaaac	actgggctgt	ttgcacagct	ccaactgtgc	atgctcaaaa	tgtgcacttt	300
ttaaaattgt	tacttttaat	gcgtatcttt	atatgggatc	tgttatagta	tactagggca	360
tgatatggta	tccttttgag	tgaggatat	actcatctca	caagtgaagt	gcctactgat	420
attactaaag	tacattatgt	ttactcaagt	aaataatttt	ctccccatgg	tacactctag	480
tgtaggctat	tcataccaca	ctgaaatgaa	caactgaaga	ataaggctaa	gaaccaataa	540
aatattttct	taattgctag	tgtaaaactg	tatccaaatt	tcagaaaaga	cagcttcagc	600
ttgcaaattc	tatcctctaa	acttatctgg	gcattcttcc	ccccacccc	cattatataa	660
gggctatttt	agatgcttta	accctcccca	caaataattt	ggccagggtg	tccaatgaga	720
acttatcatg	ttnggtggtg	ttaaggnaaa	tccggcnc			758

<210> 1869  
 <211> 764  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(764)  
 <223> n = A,T,C or G

<400> 1869  
 ntatctttag accttngtgc tgtcgccctaa actcggagca gtgggaccct gaagatgtgg 60  
 aacctcgaag gcagcaaaga aaatntngga ncctnttggg atcccgggtg nccccaggnt 120  
 ttgggggggc cagnccnct ggntggngan gantaanacc ttctggancc cagntcanca 180  
 ncttaaaacc canggtcagg gnttcgttca ataacgccag cgggaatcaa tctgcactgg 240  
 caccgcggca ggaactgaaa ctgcctggca agtgaggaac caggagccgc actgagtgtg 300  
 gctgggctac atcatagctc atcacggagc tacgactttg ggtactgcgg acagacctgg 360  
 ataggccag cattcgttct gaagatcaca gttcacagaa gtttttgcct cgtaaagata 420  
 atccaaagga tctcagaccc cgctcttccct ttcccttca ttcccttgag agtcagccat 480  
 gaacggaata cctgctaggt tccaggaatg agctcaccta acagatagca aatgtgtctg 540  
 gttagatctc aacagagccc attctgcaag acctggctga ccagatgana ggggtgggccc 600  
 tgtgtggggg ggccttgggt cacacacang aaccgagacc tggcttccac ccccgagtcac 660  
 ccactttggg ntatcttgct ggggaagttat cgatanggac tgtgtnggcc aaccaagtgc 720  
 tttgggaaga tcaactggcac ttgcaaaacn aaacaaaatt gctt 764

<210> 1870  
 <211> 750  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(750)  
 <223> n = A,T,C or G

<400> 1870  
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 aacctcattt tcagcatata aattttttaag antnagtgtt ttaaagggtnc cgtgaaaacc 120  
 atttgctaga tttttgtcct agtttttttt tttaattta aaaatcttaa gtttttttta 180  
 gtaagcttaa ganccagta gtttatttgc cgaccgcatt tttaaaaagn gaatagatgt 240  
 ttaactgaag ttaaatacaa atttatgtct gggtaactct tggttaagata taacaaaacc 300  
 tagacatcta aatttttttg aaatttttat tttaaaagt ggtngggagg taaaatnggg 360  
 ngactttcct tctgggtaat agttttatag ttaanaanaa agccagcgaa gtttacttga 420  
 tctcagttgc actcaagaat aggggattta agttccactt tggttatttt cacttctacc 480  
 ctaaaattcat aggccctgat acttaagctt acccttggct tccagtttcc attgcagcga 540  
 gnaaatgggg agtagcanag cctttgttaa tgtaaatga caaaaaggtn tgccttttn 600  
 tacaggagca gataaactga taatggtnnt aaaaaatgta naaaatgatt tttgtanaca 660  
 ggatgatctg tctanattgg agcaaatgan gggncatntt ccaacaaagg tggggccctt 720  
 catttaataa acaccccaa caacaaaang 750

<210> 1871  
 <211> 750  
 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1)...(750)  
 <223> n = A,T,C or G

<400> 1871  
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 gctgcgatga ctcaaaggct gatttcagct ganactgtag accacgtgcc tacttgtggc 120  
 ctcccctttt gccttgggtt tctcacagaa tgtggctggt tctggagaat gagacttcca 180  
 atgaaatcag gtggaaatga catctcgccg ctttcagcat gctctattgg ttggaacagt 240  
 tatggactta gctagattca aaggaaggga acaaagaccc cctcctctca gagagtgggg 300  
 cataatgaga gaatttaggg ccatgttata caaccaccac aaatgccttc tgaatttgag 360  
 gttctgcctc aaaagtccat agttcctttg actgaaggac ttctatatat ccaagcatcg 420  
 tcagccccag gtatatgttt ccatgtaagt gaccaggact accttagtat ttcgtatagg 480  
 gaaagtgacc tgaataaatt tgagaaaaga atcttntctt tctccagtaa gcactgaggt 540  
 aagcattgag ccatattata ngtttatgac ttgagactc agaaatttaa attcttggcc 600  
 aggccaatgg ctacccctgt accccacact tttgggaggc cangcagcag atcactttga 660  
 gncaggagtt tgaaccacc tggaccaagt gnggaaactn cttctntacn aaaaaaacia 720  
 aaattaccnn gngtgnnggn ggccccgtga 750

<210> 1872  
 <211> 758  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(758)  
 <223> n = A,T,C or G

<400> 1872  
 tattntaccc cnttcganc cttgctgtcg attcattttg tataatcatg tatectcttg 60  
 tgtgctggta gagattttta tctgattttt tccataaaac atgagtatta agaaataatt 120  
 cctgggtttg gaaaaactgg agaaaatcac ccttttaagg aagaaacact ggaaatttct 180  
 gctaaccacca agatatttta gagtgatcata gtaggtgtct aacaaattta ttgaatgaat 240  
 gagtgaatgg aaaaactggg agagtcaaaa gtgagcagaa gctctccatt tctacttctg 300  
 tcacaaacca cattaaattg taaataaggc cttctccac ttgacttcag gcagcagatt 360  
 gtctagaagc ctaaggacag caatttctct gacaagacaa agtagatatt ttataccagg 420  
 gggtggcaaa ctactgccca cgggcccgaa tttggcccag tctgtttttg tatgggtcaa 480  
 actaaaaatg atttttacat ttttaaagag ttataaaaga aaaaaatatg tgggtctgtga 540  
 aatctaaaaa atttactacc tggcctgttg gaggaangt ttgccaatct ctggtttata 600  
 ccattaacta tgagattaac caaaaacttt tacctttgtg cagaaaggtn aaaaaaaaaa 660  
 catggttaag gnaaaggana catgttacct ttcatacact ccttttaact gngggatttg 720  
 caaaaaata aaaatanccc ctttnaaaaa aaaaaaat 758

<210> 1873  
 <211> 758  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(758)  
 <223> n = A,T,C or G

<400> 1873  
 ttntnttanc cctttcgant ccgtgctnnc gcangaatgn ngttcctctt ggnancnccc 60

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gggtggncng tttntntntn ngcccnggtt ccggcccggt gcccttnggg gngtttacnt 120
caattggggg nttnaaaang gcntnttgta angggaaacc tttnnntgaa atnntncagg 180
aaaggaaccn atgggganggg accaggaggg gaannccggn ntaaacnct taaaaanttt 240
tgttgaccgg gtttccannc ggaattcctt tggggagggg gngctggnga aaatnctgct 300
tgggagatcn cattagggan ctccccgttt tgaagaagaa gactcantgg gaagacanan 360
gaagaagaag atgaattcct ttggccctca aaaccccccc accaaatggt ctttggnnaa 420
gaaaanagtt tcntcncaca aaatatgaaa acnanggaaa ggaaaaaatg gatgcnttgc 480
ttagagggtga aaagaaagag agcnccgaa cgttnggaac gacntttgng aanaacagga 540
tanaaacctcc ccgggantgg gaaaagacag gaagaaangg gaaatggcaa gggagcattc 600
cangaaanaa anggaccctt ggacnattaa aaangaactg gagcgggacc cangatcccc 660
gagcacacaa ggaccacggg acnaagacc ctaccgcgg ccgangaccg ccaggacgga 720
ggccccagga atgtttgcnt accnacgtga gagggctc 758

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&lt;210&gt; 1874

&lt;211&gt; 1001

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1001)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1874

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cgccngacnn gnnccgannan nnnncnnnnn nnnngngang annnccacgn ngnannnnana 60
cnaggngncg ncggcgacn ncnagnagac gacncannnn acnannnnnn nnnnnnggaa 120
nnaccgnggc natccngaan cgngngngac gcanccgacc ccaccggccc ggnnccaang 180
ngagcgggna gcnggcngtt tnnnganngc gcaccccaag aaaacagggg cagnccgaca 240
gaccanagg gnnccacang agangggacn ngggggccaca gagccggaca agaccngnag 300
nacacagagg ggaggggagg aacgacgaca acaggccagg cggccaanga cnggggncn 360
ggcnacacac cagngcacc ngacncnnga aaagcccnng cngaaccccc ncgaaagngg 420
gggagacaca nccgggnna aaanggcac acagnggaag gganagccc aacgcccag 480
gnaaacnggg agggagnngg naggcanngc acagnggaag gganagccc aacgcccag 540
gggcnngaca ggcgancaca gnaannangg nagcngggga gagccnggna cacacacana 600
cccngaaac nggggcgnag agaccngcgg cagcacgcan gaccggcnn ggnaagaanc 660
cnggacagng gcngnngaac naagananna cnggggnna gncncccc nnancngacn 720
cnggggccag anaccncaa ccccgagg gncagnang gncnaaccan gancgnagg 780
gnggcngcg caccaaagac anccccgggn cngngnggag nnacaggnga ccnggagnga 840
gccggcncgg ccnggggaga gaaacnaaa gncggagnca nccgcnnacg cccggnagnc 900
angacaacgg agagcggngn gaggggagc aagcgaccg acggcanc ccngggagcn 960
gggannngnc acncggggnn nnnagcgaac cngcccacc g 1001

```

&lt;210&gt; 1875

&lt;211&gt; 1447

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1447)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1875

```

ccccccnnc ncccgccac canccacngg aanannnnna nngccgngnn ncgnncangn 60
ggncggccac gngcacnga acgnacacnc nncncgnnnn nnncccgngc ttngaacnca 120
tcgancnncn nggccccga gncccacgg nccccatgg ccnggggggc agnggggggg 180

```

```

gggggggngt tttnnncnnt tccnnccnncn agcgacngng ggggannngg ggaangnctn      240
nggnncnecgt nntcnccccc acnnncacca gagggagcgt nacnnccgnc gngaggggcg      300
ngnngccccc ggcnccgna gncccctnncn tcncnacccn ggcnccggcg agggncgngc      360
atcagatnnn ngnannncn gngnngccnc cngcgcnncn gctgcntcgc cnagcancgg      420
cnagacggac ngagcgggnc ncagccancn acgncggtec gnanccgntn tnnngtncgt      480
cgncgtncgg ccgncgcacg agccgannct cgcgcactgn ccncgngcgn cgtncgggnc      540
gntgtcnncn cgntcngntg gcangnncgg nacgcgnanc ggccgnacgc gatgaatgng      600
cgcgcnngcg nnntccggcn ncgcgcgcng caggngnggc ntnnnannng gnacnnanng      660
ncnngtgcg cgagnncncc accagactcn cgcccnacgn nacgcncgcn gngggngaca      720
cgtgctgcat gngnancggc gcggnangng gatgggcnng nncgnganac gcatacgccn      780
cgttanngcg ntccgctnac ncgaccgnta gngtcgccnc tcgcgagng angccggcg      840
nanggtacng aaaccgcacg canacnnncg ancnngtnc ncacgggcg cagncgacgc      900
acgncnccgc gagnnaacgn cggancggng ntcnngngng ctctcncgc acngacgcn      960
tncgngnana cggcgcnngn ntncnccnng gaggcangnn gcccgacgga tctgnnccgn      1020
canacgngcg ggngncacgc ngncaccnca cccgcgcacn gncggcacgc gcgctcggn      1080
gcgnnccnag tgaccacgat ncgacgcggn cggtcgcgna ctncgnaat gcagacgtgc      1140
ncgaacgcaa acngcgcgna cgnncnggca gaggcgncg taacggagac gngtngcgaa      1200
cgaccgcgca cngnagnnc tncgcacggc tacgngctg cgnacgngna agngnagcg      1260
ggnngcncn cgtgatccnn cncgggatcg cnannncaca cgtangcnag cgtggcgcc      1320
acgcgcnccg gatcacggnn nnnacgcgcg gggacnggng gagcgngnc ataggaaacn      1380
cgcanccgac tagnaatnng ctncncgcat ngntngccgc tagggcangc nannccanac      1440
gngtgcc

```

&lt;210&gt; 1876

&lt;211&gt; 735

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)... (735)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1876

```

atnncgttca actactgtt ctttttgacg gatcccatcg attcnaattc cgttgctgtc      60
gcantgagcg ggtctgggcg gntgctggca gcgccatgga gacggtacag ctgaggaacc      120
cgccgcgccc gcagctgaaa aagtgggatg aagatagttt aaccaaaca ccagaagaag      180
tatttgatgt cttagagaaa cttggagaag gattactgta gatgcagtat atggaatcag      240
gaatcttaac ttcattgtgag ctattggagt ttctcttgc atcaggatgc atagggagg      300
cctatggcag cgtatacaaa gctattcata aagagaccgg ccagattgtt gctattaagc      360
aagttcctgt ggaatcagac ctccaggaga taatcaaaga aatctctata atgcancaat      420
gtgacagccc tcatgtagtc aaatattatg gcagttattt taagaacaca gacttatgga      480
tcgttatgga gtactgtggg gctggttctg tatctgatat cattcgatta ccaaataaaa      540
cgtaaacaga agatgaaata gctacaatat tacaatcaac tcttaaggga cttgaatacc      600
ttcattttat gagaaaaatc accgagatat caaggcagga aatattttgc ttaatacaga      660
aggacatgcn aaacttgcan attttggggg agcangtcaa cttacagatc catggncaag      720
cgaatacat gatag

```

&lt;210&gt; 1877

&lt;211&gt; 735

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)... (735)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1877

```

annccttatn cngatcagct cttgttcttt ttgcaggatc ccatcgattc gaattccggt      60
gctgtcgggtg gaggggccgt tcnaagagtc gtgaggggggt gacgggttaa gattcggaga      120
gagaggtgct agtggctgga cttgacctgg aaagaatctt ctgctgactc tcaacttttc      180
ctggaaaaaa tggatcattc ccaccatag gggatgagct atatggactc caacagtacc      240
atgcaacctt ctcaccatca cccaaccact tcagcctcac actcccatgg tggaggagac      300
agcagcatga tgatgatgcc tatgaccttc tactttggct ttaagaatgt ggaactactg      360
ttttccggtt tggatgacaa tacagctgga gaaatggctg gagcttttgt ggcagtgttt      420
ttactagcaa tgncttatga aggactcaag atagcccgag agagcctgct gcgtaagtca      480
caagtacgca ttcgctacaa ttccatgcct gtcccaggac caaatggaac cattcttatg      540
gagacacaca aaactgttgg gcaacagatg ctgagctttc ctcacctcct gcaaacagtg      600
ctgcacatna tccaggtggg cataagctac ttcctcatgc tcatcttcat gacctacaac      660
gggtacctct gcattgcagt agccacaagg gggcccggtac aggatacttt ctcttcactg      720
gaaagaaggc agtgg                                     735

```

&lt;210&gt; 1878

&lt;211&gt; 978

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(978)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1878

```

ggacctntgc tctgttcttt tttgcaggat cccatcgatt cgaattccgt tgctgtcgggt      60
nntgtnagat cactgggata ttttccacaa cttcctctnn tctagcacac acatntgttg      120
ntnggaaata tttgagggtt tttccnctac caaatgggag cttcatgggc ctggtgtcaa      180
acactataac cttgaccact gactntgatg ntggcacata tctgagtcct gtgtgcacag      240
taatattctg ggtcaaggaa aatccangtc tttcaagttt taaanggatt tttgganaaa      300
ttcgggcctt ctttttaaga ccgaatncca ttggccccaa atttncacaa aggctttggg      360
tggaacaagt tgggaattaa ccaantttt ggtggttggg gccaaaaaag tttncccaaa      420
gggtttggnt taaccaacct tggngggccc ntttttaaaa aaanccaaaa aaaanccttt      480
taaaanccct gggccatttg gggaaaattn ggttttnaa acccttttaa ggnaagggaan      540
ccccnttgg gaaagaaatn ccttaaattt ttnaattcca aaggggaanc ccccggggga      600
aaaggnaant tcccacccaa cctttttcaa aggggtcccc catthttggc anaccctggg      660
acctttttt tggtcntttt gggngngaag ccnttcaaaa accccttggg tttgggaagc      720
ccctggggg aaaagggggg gccenttcca accaantttc ttggtgggcc ttttgggaata      780
nttaagcccc ccaantttct tnnaccaage cncnttacc aaaggccccc cattnaattt      840
ggncncan ggaaaaaccc ccnnggaatg gggaaaaaat tgcccagtta nccccatgc      900
cactggaana ccttaanaaa aatcgttcct tactnnggng aaaaangtat tatggatgcc      960
antaaagngc ccactggg                                     978

```

&lt;210&gt; 1879

&lt;211&gt; 694

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(694)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1879

```

attcgntaca agctcttggt ctttttgcag gatcccatcg attcgaattc cgttgctgtc      60
gatgtgtctc tggtagagaa tagttgatat taacagaaaa aaaaaaatct gtagcttcat      120
gaatatgccca ctctgttaat ttcttggtcc agacatttta atagagattg cttgaccatg      180
ttgtttgaat tgctgccaat agcagacccat atccctatca tgttggtggc tcaactgttt      240
ttttttttcc ctaatanana tggagtatcg ctgtgttgct caagctggct tgaactcctg      300
ggctcaagct atccttctgc ctccggcctcc aaagtactgg gattataggt gtgagctact      360
gtccacacct aacctgtttc acagtgaata tacttcatgc tggtttcaac atgggattat      420
taaaggatta aaagttnngg tggatgcctg taatccnaca tttttggaag cccagggggc      480
ggtcaccagg cangaaatcn aaacattgga ctaccaangn aaccncttt ataaaaatacc      540
naaaaaataac ccgcgtggng ggggcgcctt tattccctt ctttggaact taggcnggaa      600
anggggtgnan ccctnagccc aaaangncnt tgcttcantc ngggaaaaaa ggantttttt      660
taaaaaaaaa aaatatngggg gaaaaaaatt ngan                                694

```

&lt;210&gt; 1880

&lt;211&gt; 711

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (711)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1880

```

nnngnttnnn nnnngncnnt ttgatnccat acnncgaatn gatanacanc tacttgttct      60
ttttgcagan cccatcgatc gaattccgtt gctgtcgggg gaaagggtacn tnaaaccatn      120
ngctntatgt tagngactag gagngattga nananccctg gagattgntn anatganctn      180
cagngccnac ggcctattct ttnatagttg gtntctgtgnn ggagagggnnc aggtgtgtgag      240
ctcccaaaaca nnatttnaga ccnantggan ngagnctnnn nactggacng gtnnnatanc      300
cnngtgnag ganngngcna antcactngn acggctanna tggcnagnngn acgacancag      360
ttccnnngnt ngcgcantng cntaccgggn aatcctancg ttttgncgac ngaggcnaag      420
gangnttgcc cnagngttna accagcgtg agaantaeng tgaacccctg nntctgaaag      480
gcaganggtg acnggggtgg gngaccnccc ctgacgntn ntantctaag gctgggagnn      540
aagattgttt natcccgga tgttgatgcn nantgganca nnaattnmcc cnatggnnnc      600
naatctnngc gaanaaaaag ggggaannttg gcngaaaaan nnanctaagt ggtgnaaaaa      660
angnggntga ntnaacaaaa aaattnaacg cgaaanttta ncagnncgtt t                                711

```

&lt;210&gt; 1881

&lt;211&gt; 672

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (672)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1881

```

ngnnnnnnnn naatananat anacaancta cttgttcttt ttgcaggatc ccatcgattc      60
gaattccgtt gctgtcggcg gcaaattgtg gaacagatgg aaaagaacca ggaggagcga      120
tcgtgtcttg ctgagcagcg ggagcaggag aaggagcaga tgctggaata tatggaacag      180
ctccaagagg aagatctaaa ggacatggaa cgaaggcagc aacaaaaact gaagatgcaa      240
gctgagatta agcgcaccaa tgatgaaaac cagaaacaga aagcagaact cctggctcag      300
gagaagctgg cagaccagat ggtgatggag tttaccaaga agaagatggc tcgagaagca      360
gagtttgagg ctgagcagga gagaatccgg agggagaaaag agaaggagat cgcacgcttg      420

```

```

agggccatgc aggagaaggc ccaggattac caggcagaac aggatgcctt gcgggccaag      480
cgcaaccagg aggttgcaga cagagagtgg cgcagaaaagg aaaaggaaaa tgcgcggaag      540
aagatggaaa cagagctgag ctcgaaaaag tcgctcgaca gtggcttcaa ggacacgctc      600
tgctgtcagt gcacggccgg tgattcagag atcttcgctn naaacaatga aagcggtgag      660
aggaaagcca gg

```

672

&lt;210&gt; 1882

&lt;211&gt; 718

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (718)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1882

```

nnaccncgag cgaattccgt gctgtcgaga aatntgaaat gcttaattta taagcgggct      60
ggagattttt tccaatattg ttttctttga aaatgaaagg ggatcatcta ttttagtttt      120
ggggctctggg aactttttga aaatttaatt tgtggaccaa tgttttgtga aagctaaaga      180
gggcaggggtg taaaataggg cttgaatttc tcattctgta tagaccagca aacttccttg      240
tgcaaggcaa gtttacatca caaatccaag aatgtttgca tcctaaatgc tagtttgctt      300
cagcccctag ttaacctcag gacttggttt gcatataaaa ggtagacagc tgatatgttt      360
tcatgaataa atattgtcag ccagaaaagg ttggtgtcag gtaatgcata tttttttaag      420
ctttgtttta tatttatttt tcatttagtt tttattggga atggttttca aagaactctc      480
agttctgcct aggtgttttt gggggagccc tgttttccat agtgtaattc catttaagag      540
gttgctctaaa agtcttttta attaatagaa agattttaat atccaagagt agtcaaatta      600
anggatataa actttccccc ctttctgtcc gtgacagata aaaagccaca gaaagggaca      660
acccttgtaa aatcatgtaa ccgttggtcc atttcaataa tttggtacct tgttttaa      718

```

&lt;210&gt; 1883

&lt;211&gt; 712

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (712)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1883

```

aattccgttg ctgtcganac caagtgtctt acanggcnac ctgtgagccc agactggatc      60
ctggaccaga aaaaggacac tagtgagaca actggcagaa tttgcataag aagcacggcc      120
tcggcctcgg gtggtggagt cactgctgag cccatgacgt tctgcttata ttccatccct      180
gcatttggaa gtcgttcttt gccaggagga aagtgaggaa aaaccagcaa taacaaaaca      240
gcagctctac tgacggagga ggaggagccc aggaggcggc tggtcagggc ccagggtgtg      300
agggaggcca ggcataggca ccccgacttc tctggaacta ctgacatttt ctgcgaagca      360
gagaggaaga tggaaaggtc agggaggaga atgagggagg ggtctgccgc ggggagccac      420
aaactccgtg gggcacagaa agtgcaaccg tctcccattg aggaaattct cccaccggg      480
cggcttgcct ctaaacagga tattgcttcg atttctttga tttcccttct ctctctctct      540
ctctctctct cgcaaaaaaa gtcttgatc taataacngc ttagaatatt taaaataata      600
atggtttnaa tgggtattggg ttctttgttt cccacccaaa gnttcttntt cttntttctt      660
tttggccaat aaaatttgn aaaaattgngg accttcaact tttgttcttg tc

```

712

&lt;210&gt; 1884

&lt;211&gt; 661



<212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(661)  
 <223> n = A,T,C or G

<400> 1884  
 nctcgntcgc ctaggccccc tggacctggt ctttcagaca catntagccg tgtttcccca 60  
 tctgctgccc gtgatcccta tgatcagtct ccaatgactc caagatctca gtctgactct 120  
 tttggaacaa gtnaaactgc ccatgatggt gctgatcagc caaggcctgg atcagagggg 180  
 agcttctgtg catcttcaaa ctctccaatg cactcccaag gccagcagtt ctctggtgtc 240  
 tcccaacttc ctggacctgt gccaaacttc ggagtaactg atacacagaa tactgtaaat 300  
 atggcccaag cagatacaga gaaattgaga cagcggcaga agttacgtga aatcattctc 360  
 cagcagaac agcagaagaa gattgcaggt cgacaggaga aggggtcaca ggactcaccc 420  
 gcagtgcctc atccagggcc tcttcaacac tggcaaccag agaatgttaa ccaggctttc 480  
 accagacccc cacctcccta tcttggaac attaggtctc ctggtgcccc tcttttagga 540  
 cctagatatg ctgttttccc aaaagatcag cgtgggaccc tatectcttg atgttgctag 600  
 tatggggatg agacctcatg gatttagatt ggatttccag ggaggtagtc atggtaccat 660  
 g 661

<210> 1885  
 <211> 661  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(661)  
 <223> n = A,T,C or G

<400> 1885  
 ggggngcggc tgagacacat aagtacagaa tcatgacctt aatggtttga cagtttggaa 60  
 gcaccttggc aacaagccat ttcagtggaa tggtagaaat ggaaaccacg ctgggttgag 120  
 aagtgagtg atgtgaaaat atggggcctc tgaatggagg taaccttga aaaattccac 180  
 tgtggagaag aaaggagaga gagagggtg gaatttggaa tgaaaggaga tatttgggat 240  
 tattttagta agaaaacaga ggtgtcatga cctcagtgtg accctattag ctgcaaaaaa 300  
 ttcttcatgg gcttgagatg gagttagcca tattcattat tgaaaactat gttctgcact 360  
 tatacattgt tggttggagt gtaaattagt tcaaccgctg tggaagacag ggtgggtgtt 420  
 tctcaaaaa cctaaagaca gaaataccat ttgaccagc aatcccataa ctgggtatgt 480  
 acccaagga atataaattg ttctactata aaaacacatg cacacacatg ttcactgcaa 540  
 cactatttac aatagcaaag acactggatc agtctaaatg cccatcattg atagaatgga 600  
 taaagaaaat gtggtagagg tacaccatgg aatactatgc accataaaaa agaattgagan 660  
 n 661

<210> 1886  
 <211> 1009  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(1009)  
 <223> n = A,T,C or G

&lt;400&gt; 1886

anngnnagaa	tttaaannntn	aattggnata	tnnagnngtg	gggggggggat	tnntntanac	60
tatnnntntt	atttntnang	aaatnnnnntt	aggtanntan	nantnantnt	nnagtntngg	120
gggggnnnntn	annanatggn	natnttttttg	gnnnngantg	gannccgaaa	naatggatnc	180
aattnggggn	gaaaatatat	atatntattn	gttagagagn	attangcnnn	tanttattnt	240
atnntaattn	taaantaact	agnntnttag	ngtgcacnat	tntcntanng	natnnagann	300
atcgggtatta	tacacaantn	actaatatnn	cgttntngtt	ataantgntc	atattagatt	360
aatncatata	ttatnantnc	actgtannnn	tttattatag	anagnnntat	ancnattttn	420
tnattntntga	ttattttatan	nntnatnata	antcttaant	nattttanna	tatntattgn	480
aatnctgtta	taaaacgnan	atgnattgat	agtnnncttt	naatnaaaan	aaantntctc	540
annntgttaa	aanatanat	ntnnacnana	ttttgattnt	nnttancnag	tttcaancnc	600
naagngnacn	ttncnnntnn	tnacnagnt	gatngnataa	tnagtgaan	aancttaatn	660
gatnatgntn	annatcntna	atataataan	nattantnta	taaaantnaa	taanattttt	720
tnntaanatg	actnannann	aatnnannng	anagcntnna	ntntataatn	tatttttaat	780
antgatacat	gntntnagan	tanntnnent	tttantnctt	ntaataactn	tgaaananga	840
tctgaatacn	acattagcan	gacattgtan	ntacntatac	ttaaactnatt	tatatcncgn	900
cngattatag	nttatatnnn	tnnatnataa	tgtatantnn	tttatatata	tataannnn	960
tntcatatta	ctgttgatat	gtctatnatt	tnntgagtat	anttatagn		1009

&lt;210&gt; 1887

&lt;211&gt; 1035

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1035)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1887

atgnccagta	tnntagnngg	gnttnttcna	nttttcnnaa	ancncnntnn	antagntatn	60
nggggcta	ngcnggttca	nnacngnngc	angntgnnn	ntcggggatc	attaagncnt	120
tgtttacntc	cacctataat	cttacnntct	cncnanannt	agnnatatat	tcactagnan	180
agtnntan	ttantccgtg	naaatntana	ttctntctct	nnnncnngng	ancgttnagg	240
ancgtttgga	tnctcttaca	tnntcctcgg	ganatattca	nnagnagtcn	ctnagannnt	300
gnctaagtna	ntnaacgaca	tgacactntc	attctcgtna	atngatatgt	cnnatgnana	360
anaacntttt	tcnntctcca	tcgatatnnc	cttatntncn	ncnatatgta	gtctntntnc	420
ncgtntttac	anananttnn	ngaatanntt	gggttctgta	atctntnnca	tctnnatgac	480
nattcccnta	nnctaacata	tnntcgtntt	angnngcana	gtattatant	tnntanangn	540
cnctctactt	cacnnattat	nncgtgtntt	antatannca	tnntncttta	gtnattcacn	600
tnnannntga	ttctntcatct	attcatnctt	actnngnntt	ctntanactt	attntgcntn	660
ttatnnngnn	tacnnnnaat	tcnngnatte	gntaatnatg	gancctnnntn	atacnttcnn	720
tgnantntga	ncaatgtnan	nacnngann	tnctcctgcgn	attntannntn	nctnnntata	780
cnngtctgat	tattntagnt	cntnnncnac	ntactntntc	attnatatct	gtctncattg	840
antcannant	nancnantna	tnnaattttn	tnntatacta	tnctnnggtt	ntnntaanntn	900
nnntntntnt	cntcnntann	tactnggnnt	nanntatata	aatatanatt	ngcatnnatt	960
ncatgaatgn	tnntaangtn	nacnacnan	nanangatnc	tnantctntg	agatnntctn	1020
ctnantcgan	ccnncn					1035

&lt;210&gt; 1888

&lt;211&gt; 867

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(867)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1888

tggtntntnn	tntnantage	ggggtntatn	ttntntntan	gnnttaanc	tnnattagnn	60
gggnentgtt	gcatttnnan	ggggnganc	ttactggnt	nagaannngnt	gngngntata	120
ncctttatct	gtatnnnana	agaggggaa	aacttggagn	tctctccttg	gtaantnatg	180
cantaaggct	natggcttan	atatagctta	ccngttaent	nattnnegtn	tactnnatcn	240
ttnnntntgt	tctacctnan	ttggagcttn	ttgngaanng	gggcatgacn	ctnnacnagt	300
ggntgggann	ctgtncacgg	tngttggatg	canaacatat	actgnattgn	nnncctntnt	360
agcatacnc	ttaatctna	taatcnagt	cnngancnt	aatnactccn	tgcccaang	420
taatctntgt	tntatgtga	nnnagtntnt	ttacnntaa	acnttnantg	cncctttatag	480
agnagaaatc	ntttanana	aaanntatgn	ncctcatnaa	nannagtcca	ttttttttaa	540
ntccantnta	ttngtgggtg	ggannaanag	aagccnnan	ncnnncaaaa	atgncgntct	600
ntnatntatg	aagnnctatn	gcntncangt	aanagcctt	attntacat	cttnnntcct	660
ntggctgaa	ccttgncann	nccttnatan	tcatnttang	gaactatgnt	ttatnggggg	720
ntcttattg	gtaacnntgt	ttatnatnac	cacatngntc	tntngtactc	ataatttnag	780
gttnagnntc	agatcacncc	ttanatttng	gggnnnnagg	nntaacngac	ggtcnttata	840
ntgngggagn	aagnncaaac	taaacnn				867

&lt;210&gt; 1889

&lt;211&gt; 617

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(617)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1889

gttgactnec	ntactcagct	tgctgcctgc	aggctgactc	tagaggatcc	ccgggtaccg	60
agctcgaatt	cgccctatag	tgagtcgtat	tacaattcac	tggccgctcgt	tttacaacgt	120
cgtagactgg	gaaaaccctg	gcgttaccca	acttaatcgc	cttgacgac	atcccccttt	180
cgccagctgg	cgtaatagcg	aagaggcccg	caccgatcgc	ccttcccaac	agttgcgcag	240
cctgaatggc	gaatggacgc	gcctgtagcg	gcgcattaag	cgcggcggtg	tggtgggtacc	300
ccagcgtgac	cgtacacttg	cagcgcctac	gcccgtcttc	gtttcttctc	tcttctcgca	360
cgctgcgcgt	tcccgcgaag	ctaactgggg	tccttaggtc	gattatgctt	acggactcga	420
cccaaaaact	gataggggtga	tggtcacgat	gggcatcgcc	tgnaacgggt	tcgccttgcg	480
tgagcacgtc	ttatagtgat	ttgtcaatga	cacataccta	ttcgnatctt	tgattatagg	540
attgcnttcg	ctatgtaaaa	tactgttaca	aattaccgat	tacaatatac	ntacattctg	600
tcgattctct	acttgnn					617

&lt;210&gt; 1890

&lt;211&gt; 742

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(742)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1890

ttnatctgnt	ctcacgcttg	ctgcctgngn	angatecntc	gnntcnaatt	cggcacgagg	60
tacattgtcc	tgacactgga	aaagacattt	ggaatttact	ttttgacctg	gctgccatga	120

```

attctgccag tctgatgac caccatcat tcttcaagaa cagaaaacag tgctagcctc 180
tggtttttca gtgtgtgtctg ccatctatgc ctcacagact gagcaagagt atctaaagat 240
agaaaaagta gatcttcctc taattgacag cctcattcgg gtcttacaaa atatggaaca 300
gtgtcagaaa aaaccagaga actcggcaga gtctaacaca gaggaaacta aaaggactga 360
tttaacccaa gatgatttcc acttgaaaat cttaaaggat attttatgtg aatttctttc 420
taatatTTTT caggcattaa caaaggagac ggtgggtcag ggagtaaagg aaggccagtt 480
tgagcaaaaca gaagtgttcc tctgcatttc aaaaccttct tcctttctat agccctgtgg 540
tggaagattt attaaaatcc tacgtgaagt tgataaggcg cttgctgatg acttggaaaa 600
aaacttccca agtttgaagg tcagacttaa aacctgaatt ggaattactt ctgtacaaga 660
aataaacttt atttttctcc tgacnaaaaa aaaaaaaaaa aactcgagcc cttaaaaacta 720
tagtgagtcg tattaccgta na 742

```

&lt;210&gt; 1891

&lt;211&gt; 1005

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1005)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1891

```

tnntnannnn tnancntnnt anttnaaatg taatggtnng ggggnncett tantcgtnnc 60
tncnntnnat nnaacccccc ngataatncn ntnaaanctg cgttnggggg annntcatca 120
nnatantntg gnnannncnc nannncncat tntntgttac tcnnagtctn tnngatgana 180
ggtntctctc gagtntccn ggtntactnt gtantatnnc gngannnctt cangtactnn 240
tnnataatnc nnnagaccat gtactcngan ntnnnantcc atcntggntc tntccctcgc 300
acgnagtgtg tngnatcaaa ncnantttg ctctgaccnn ngatngtact ggntnttatn 360
cacanaantn acatntntta ganncttnan tactnnannt tggtnnnngnt natctgatnn 420
nnaganangg actnntngag gattctaatz gnaannaagn cngcgnntnn ntntgttgaa 480
nnntgatnat ncnctctanc ttnnnncant gncgaatcng catggatggc gnnttatnna 540
ataggctnna ttgttttgng annttgcnan ngttcaacna nttnancnga canttaagca 600
tcnctanna ttcngttng ggnatnacat nccatcgnc ngtgtngna ccgnggaaaa 660
cngtnnttta atngttngaa cntgggtagn tangttaent tttctcnag nnaaaatcgn 720
cattctngcn ttctaccnaa tttgtanatn naatnatcnt atancatncn gnctcntgtc 780
anacttaate ngancgntn nanncganat ngatatatnn ganncgntnc tnnaaantnn 840
gtanganantn gtentaccn ctagactata ttctctctan tcnntttat ncnngttaat 900
cancgntgtg ngantgtng agtagagnca tctatatent acctctntt gccacnattt 960
ntatcacaaa tcccttntn ctagnnntg tatctacntg cncgn 1005

```

&lt;210&gt; 1892

&lt;211&gt; 1159

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1159)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1892

```

ntnntnnntn gagaggntnn annntttntn cnntttntna gagnggggna nnaanggttg 60
ganannagcc ctntntctnn ncnngaantn naatntacta agngcccggg ggggggntn 120
gtggntnttt aatcttttaa natnattctt tntntntnn cggaggntaa cactcangag 180
gagtgtttnt ntatgtngna ntnttattat tttnatantg ncnngntnn nntaatantt 240

```

```

annnanatat gtntaattct aantagnntn nattaatatt atgcgntanc catctnttgn      300
ctgnntatta ncgtatatnt tannttantn tccttcnnt ntatctntat gnttatntna      360
ccatcanegn atatncngaa tgatagnatg antntgttta ttntctccat acgaaatgag      420
tgntnatncn cnncgatntt gstatnnnta naatatgact gtntntnat annactanat      480
ntatgtatgc tnatgctaaa ctatnaatac atattgtnac nntctnttac atcgtnnaaa      540
ntgttnttca cncntttgag aaggaggan anagacgttt gattntttng tgaattatat      600
gtcgatttct gtntgttgng tgaaatnatn cngttaattg ananacattg nnatatntnc      660
atacngnaga ataaatacga tngcgatnt nactnatant nttatctatt gtatatntnc      720
atatangntt aanntantng tntntanacc tatactntt atgtntccgt atctactnct      780
gnttcanttn aatctagnct attntantta gtangttacg annntantnc ncgcttnatt      840
ngtgtgcggn tncacttatt ntacagtatg ncncatntat tntngtatnt ntantgttna      900
tnattttacg ntngagtaa tatgnatata nataatgnac ttncacncng nanattatnn      960
attnttttnc tgnnattata ttntagttta cganntanta antntntnc tactttcntt     1020
cgtaatttna ngtttatgnt naganaantt cnttaatgtn ngntttnaat cncataaata     1080
gtatatgcac agnntnnchn tnnnnatana tgntnagntn ngatttnaat tnattatnan     1140
ngcctngnat ntaannncn                                     1159

```

<210> 1893

<211> 662

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (662)

<223> n = A,T,C or G

<400> 1893

```

nttgttcctg cctcacctcc tgatagctgg gattacaggc gtgcaccacc atgcctggct      60
aatTTTTtga ttttttagtag agatgggggt tcacaatgtt gcccagggtg gtctcgaacc     120
gctgacctta agcgatccgc ctgccttggc ccccccaagg tgctggaatt acaggcatga     180
gccaccgcgc cgggtgact ttttttttct tttcttctct tttgagacag agttttgctc     240
agtctcccgag gctggagtgc aatggcaaca acatggctcg ctgcagcctc aatctgctgt     300
gctcaggat tctcctgcc tcagcctcct gagtagctgg gactacaggc gcatgccacc     360
acacctggct attgtggatt ttaanaaatt tttttttag agacagggtc ttactatgtt     420
tgcccagggt gttcttgaac tcttgggctc cagagagcct cccatctcag cctcccaaag     480
tgctgagatt ataggcgtga gccaccacac ttagcctatt gngacttttt agagtttcta     540
atactttctt ttagggcact aaaaacttaa tcttanatcc agttgggtat tcatttgggt     600
gaatgaatg ntanggacct accttaattt tttccagggt tttgtgattg aataaatntc     660
nn                                     662

```

<210> 1894

<211> 723

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (723)

<223> n = A,T,C or G

<400> 1894

```

aggtgacctc tgtgtttcta taactatgtt aatgtgacct gtaaaacagt tcaattctca      60
acaagtcagc ttctcatat ttaaaatgag aagttgtctt gagttttcta aagatgttta     120
ggctgcattg tcttgggcct gctcaggatt ttgacctctg agataaaagc tggattttaa     180
aagccaatcc aagccaaaca cctggcatta ttagcattgt tattccatca gatctgtttg     240

```

```

tttgataaag aagctggggg tgggaattggt ggtgccttaa ataccctage ttggtgcaga 300
ggtaagatac tctgtctggg cacggtggct natgcctgtn atcccagcac ttcgagaacc 360
aaggcaggca agtcgtgagt caagagatng agaccatcct ggccaacatg gtgaaacccc 420
gtctcttact aaaaattanc aaaaaattaa cctgngggcg tngngggcca cccgcacctn 480
ttanttcccc cnatanctcc nanaaggctt naatgccann gaanaaatat nactttgnan 540
ccnggggacg ccnataaggn ttgcnantgg tnacncanaa naattcattt ctcacttggg 600
cctcccagcc cctngggggc cccaaagggn ggaggaantt ccnccctncc cnnnnatntt 660
cnggtatnaa naaaattctc cntaaaaaan ataaattgng cgcccaggaa nntnttaaaa 720
nnt 723

```

```

<210> 1895
<211> 1007
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1007)
<223> n = A,T,C or G

```

```

<400> 1895
tttctnanta anagcgggna catngtntct ttnaanctnt actntatann gnggnatctt 60
ttttttccnn ccnacaccnn ctntcctcnn aantcnannn nnngantata tcccttcann 120
ggaaaaantn aananggatg nntttatctg nnnggatcna ttgnntcnnc acgnaatncc 180
ncttgacaaa tnatcaatcg gtctnttacc nntnatnttn nttnnnnnna ncctagnntc 240
gaatgtcnac ctggnantgg acntctanta natcntctna nnaacctna aactattatn 300
actnggttac atntntaan atattctnac nanaancatt nncatttcn tctacntnat 360
tattcnaata anctccenta nnnngcnnta ttncnanann antcattcgt aataatanat 420
tcnatntca ntannntntt ttctgtntat ctnttnatta tntcgagtnc nntatggcta 480
gcantnnan ctttnantac tnaactanta ncantagcaa aangagacgg taatttantt 540
ctngtnacaa tnaaaataaa ntncgtaat tnnagnacct atnnngacat ctntncattc 600
ttgentanan tnnattgtn tttannntt ncnanaaten naanattatg cctnngnact 660
natacnagat atantcagta tantatccgn atctnaattc tggangctnn ataagnatac 720
tacctnttna cgtnnatat ngatanatc ccttatttta nctattccat atnntcnaat 780
ccatactctn tantgtnaan ttaaancnta anttcantc ntnttcnnta nantntcn 840
cntngctnt nacttegtna tcanattaat acntattgnc ttntctacc naactacgct 900
cgtatancat ctatnaatnt canactnnta ntntatctnn tatntaaann atcnnnataa 960
ntnatantna tattatcttt cctgtctaca aattttatca tntntcn 1007

```

```

<210> 1896
<211> 674
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(674)
<223> n = A,T,C or G

```

```

<400> 1896
cctnncccca attcggcacg agaaacaact gaaggtaaaa aacttatatg cctttttatg 60
tgtacattta ataaacaat tttattgatt tcttaccgta agttactgtg atgagtata 120
aatacttcac tattcagata ctttcgtaag agatacattt cagtggaaaca ctttgcataa 180
atattttctc aaaaatgtgc aatttctggg aaaaaaggaa tgatggaaag aaggttattg 240
cagttttctc agaaattttg tcagattggc atgcattttt attgactaag aatcccaatt 300
ttagcatgaa gaccattaga tatgaatata taaggccata acatttcaaa ttaagcacat 360

```

```

ggagtgat ttt gtaattttgt gttattttct ccctaagatg ttttgtaaa atgattttgt 420
atataataaa tttctaagtt gaggaaggaa ggtaaaaaaa attcctgata accttttctt 480
tatgaagtct gctaataaca atacctagta tatacttaga agaaccagcc aagaaaaatt 540
acctttcagc aaccactctt tactttattc tcttttgnaa taatacccaa ttttatgacc 600
caggattccc cagtttttaa cggaagtaag attaaagacc aaagcccaaa aacctctgt 660
tccttgcaat atan 674

```

<210> 1897

<211> 673

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(673)

<223> n = A,T,C or G

<400> 1897

```

ccccctctcga attcggcacg agaagacttt ctccaatgc ttggaaaacc ataactgaca 60
tagttctaaa tggcacagcc ttcgtgacac tagaaattgg aaaacaacta attaaagcac 120
agaaaggagc agcattttctt tctattacta ctatctatgc tgagactggg tcagggttttg 180
tagtaccaag tgcttctgcc aaagcagggtg tggaagccat gagcaagtct cttgcagctg 240
aatggggtaa atatggaatg cgattcaatg tgattcaacc agggcctata aaaaccaaag 300
gtgccttttag ccgtctggac ccaactggaa cat ttgagaa agaaatgatt ggcagaattc 360
cctgtgggtcg cctggggact gtagaagaac tcgcaaatct tgctgcttcc cttgtagtgt 420
attatgcttc ttggattaat ggagcagtc ttaaatttga cgggtggagag gaagtactta 480
tttcagggga attcaacgac ctgagaaagg tcaccaagga gcagtgggac accatagaag 540
aactcatcag gaagacaaaa gggttcctaag accactttgg ccttcatctt ggttacagaa 600
aagggaatag aaatgaaaca aattatctct catctttttg actatttcaa gtctaataaa 660
ttcttaatta acn 673

```

<210> 1898

<211> 782

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(782)

<223> n = A,T,C or G

<400> 1898

```

gtttactac nnaaacaagc tacttgttct ttttgcagga tcccatcgat tcgccaagc 60
acacaaatgg cctaccatct tttattcttc ctctagctt ctggagagag aaatgattgt 120
tccagtttag aatgccagga gtttactggg tgtttgatt ttttatctgt gccttaaaaa 180
aattagatta taatgaacaa gacatcttta tgttttacag ggaaggaaaa agcagtgaag 240
gtatgcattt tcgaaagaaa agtgtgttgg gaaaagagag agagggtgga aacccaaagg 300
agaaaaataa attttaagtc cttgttgag tagctggagg aagtgtgctt ggaaatctct 360
ccagcgcaat gggtgtggtg tggaagaaa gatctgactt agacacagaa taagctgctt 420
gtgctgggtg tgttgtgag ctgggtgagg tttctgtgt cgctgggcac gtgagggag 480
ttacctggct ggggggtggg gtggggggca ttgaaggga gtatgggtgt ctgtggcgct 540
cgcgtgtgcc tgtatgtgtg tgtgtgtgtg tgaaaaanaa nagagaangt aaaattaacc 600
tttgcctat atgggttgggt tctctgcnta gaagtcttaa aggaaccttg ccagcttgca 660
nttttttatt ggggttcaaa ttaccagcat ttctcttcta aggattgggt ggggtgttat 720
tttgggggtg atgaattgaa agccaaggga ttaanaaacc anaacctggg accaantgna 780
at 782

```

<210> 1899  
 <211> 825  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (825)  
 <223> n = A,T,C or G

<400> 1899  
 gtttgaatcc gtttcaacta cttgttcttt ttgcangatc ccatcgattc gaattcggca 60  
 cgaggcttca tccagccaaa gaggtcntta gtggttcttg aaactttggt ggtggtccgt 120  
 ggangtggtt tcggtgggaa tgacacttcg gtcgtggagg aaacttcagt ggtcgtggtg 180  
 gcttttggtg cagccgtggt ggtggtggat atggtggcag tggggatggc tataatggat 240  
 ttggtaatga tggaaagcaat tttggaggtg gtggaagcta caatgatttt gggaattaca 300  
 acaatcagtc ttcaaatttt ggacccatga agggaggaaa ttttggaggc agaagctctg 360  
 gccctatgg cggtggaggc caatactttg caaaaccacg aaaccaaggt ggctatggcg 420  
 gttccagcag cagcagtanc tattgcagtg gcagaagatt ttaattanga aacaaagctt 480  
 atcagganag gaganccnta aaaagtga ngggaagctc caggttacaa ccagattttg 540  
 tgaacctcaa cccaaccaca agtgggtggg ccagggcctt accttgcttn caaaagaaan 600  
 acattgtttt taanacnaaa tacctcatgt tgtattnggg ccaaaaaaaa ctctangga 660  
 cctgggtttt tgtggacctn aattggtatt aaccaaggtt tanttttaaa tttcctgttn 720  
 cttgtnggna aaagtgggta aaagccttt cccaaccaa anggntttt taaatggtaa 780  
 aaattttttt ttttttggca cccccattg ccttgttttg nantc 825

<210> 1900  
 <211> 831  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (831)  
 <223> n = A,T,C or G

<400> 1900  
 tgnnnnnnnn nnnnnntat tgaaactnat ntgnaaaccc tggaatttcn caggatccca 60  
 tcgattcgaa ttcggcacga ggctgcttcg gggactcagc cagtatttnt actgagggtgc 120  
 tgagcgccgt cctcaaggat ctctaccacc tgctgaagca cgtagtgtgt ctggagcccg 180  
 atgacgtggc caagctccat gccagttgg cctagaaga gctggatgac atcatgaaaa 240  
 acttcctgtt ccctccacag aagctggaga agaagatcat ggtcctgccg tagacctggc 300  
 tccaaggacg tggaggaggc aggcagggcc aggcacccag agccgtgccc aggtcttcca 360  
 gcagggtggc ctgctgcctc ttgagtgtg gcagcatggc tgaccctcgg ggtggtttta 420  
 tgggtgcagg cacttgggtc ttcagggtcc cttecgagg catgtgttca gcactccccg 480  
 cgttcagcct gaggggtgta cagttaagag aagacagtta cagatctcat taatctacat 540  
 ttttcaactgt cctctaact tgaaagaagg atgtctacct ggtgaaagta tattttaaca 600  
 tgactgatgg aattcactaa ttgcccactc tcttggaaact tganganaaa ccgngtggcc 660  
 acccatatgt cacctaacct ctatatctt ttcaggctga agattcttct tcaaggaaaa 720  
 atgaaggaag cagaaactgg gccaccctt gggctggttc aaagaaggca tttttaaaaa 780  
 ataagganaa agccaatttt ggaaggttgg gggaangggg naaaggaaan n 831

<210> 1901  
 <211> 674  
 <212> DNA  
 <213> Homo sapiens



<220>  
 <221> misc\_feature  
 <222> (1)...(674)  
 <223> n = A,T,C or G

<400> 1901  
 ccncnccnca attcggcacg agctccaagg ttgggtccac ggaaaacatc aagcatcagc 60  
 ctggaggagg ccggggccaaa gtagagaaaa aaacagaggc agctgctaca acccgaaagc 120  
 ctgaatctaa tgcagtcact aaaacagccg gcccaattgc aagtgcacag aaacaacctg 180  
 cggggaaagt ccagatagtc tccaaaaaag tgagctacag ccatattcag tccaagtgtg 240  
 gttccaagga caatattaag catgtccctg gaggtggtaa tgttcagatt cagaacaaga 300  
 aagtggacat ctctaaggtc tcctccaagt gtgggtctaa ggctaacatc aagcacaagc 360  
 ctgggtggagg agatgtcaag attgaaagtc agaagttgaa cttcaaggag aaggcccagg 420  
 ccaaggtggg atccctcgat aatgtggggc acctacctgc aggaggtgct gtgaagactg 480  
 agggcggtgg cagcgaggct tcctctgtgt ccgggtcccc ctgctgggga ggagccggcc 540  
 atctctgagg cagcgctga agctggcgcc ccacttcag ccagtggcct catggccacc 600  
 ccaccctgtc aggggtggt gaccaaangg agggccanac cttggacagc cagatccagg 660  
 agacangcat ctan 674

<210> 1902  
 <211> 930  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(930)  
 <223> n = A,T,C or G

<400> 1902  
 ttnaaatnna nttcannnat tnattnnnnn nnaatttnat tnttnnnngg gggnantann 60  
 tantannntn anntnttnan cttttttata nnaaaaacnn ccccttttnn ttnnttacnn 120  
 tatecnaann naaantcngn gngngaatat natnnnaaat taannantnc tnttttnnnn 180  
 nnnnnagggg ggggtncacc ccnccaacta tttatcattt taaatactng taaataaanc 240  
 ttatatataa tnnnttancc cttntcttnt cccccccn ccacancctn tttcnctaaa 300  
 taattcanta tantatcata taatacancc atcttaactt ntatattata tatatnannc 360  
 ttttnatnna tatatactat tectncanta tnnncetaan aangecctcn atntncattt 420  
 attttctccc ncatanaact ttctnaaatn anantattnt taataaatca ttntaaaatt 480  
 attatacata ttttatcntt tatntcctta ttatatntnt ttcnnntaac tatatttatt 540  
 attncatntn nnanatntat actnatnatg ntaattntta ttaaatanaac ntnaccttac 600  
 acattcnntc attataaaaat ttncattcn natanannnt tacaattttt tattattaaa 660  
 tntncatttn ttacataat aanatacaat atntaatata cnttaaacan atccntaaaa 720  
 ctattatnt atntntntnt tntanataca aaaattaata aaatntnttc aattntttna 780  
 caaacnttan tntncatntt acaaaaaana ttatcttnt ttntattata ctcatnctnt 840  
 nanntanttt canatncaa tcntntntnt nntnttattt aantatacac tnaattatac 900  
 ntnataacnt nttattnta nccattacnn 930

<210> 1903  
 <211> 1148  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1148)  
 <223> n = A,T,C or G

## &lt;400&gt; 1903

ttctnctn	tnagnagn	gggnntnntn	cttattgaaa	tcntccnnc	nntnagnagg	60
ggngnaant	tnnttgnnac	ccnccctttt	cactagggcc	tgntntgt	naagtaccn	120
tgtattttn	gcgantgntn	nntgaaactg	ggtaacttnn	ntgttnagcg	tnactngtcc	180
tgtggnnact	ttntnttcc	nnnatcttct	ntcnanctt	ngtctnatgg	nangttaggn	240
ntngcnattg	ntccncacg	tctttctgct	tnantcacat	agnngatat	ttcnttggan	300
tnggcctgaa	ttggtgaatn	nntnttggtc	gtatananaa	cncnanntcn	gatttggnc	360
ctcncnganc	ccntcngna	ttcccgggtt	tngaaantct	tnntctttac	tcncccgta	420
tnggatatnc	aacnangtgg	taacnnatag	ncagctcgnt	nttnaaactc	taaatgncnn	480
cacgnannan	tnaggtnta	ttntctctta	ctgggnaatn	nanntatttc	tanagcttaa	540
ttacctatan	gtcnccntat	ctctcttgag	gggtatannc	cnantttata	acnnngntgt	600
attctccggg	taagnntat	aaaacctnng	gtnnatcanc	cgcaactact	ttcaaatggg	660
ggngngngng	ganngntct	ngtctntata	tacaattcct	tcggncggnc	tcactcctaaa	720
gtgcnnnnac	tnaatngcct	ntngngannng	cttcaacccc	ctaagctntn	anattannng	780
ngnganatec	gtatatgntc	gnggtgttcc	tcgacgcccc	tatgggnnan	tgggggnatt	840
gcaannagtn	taaatanaga	ctttggtctt	ctntggaanc	cccaagngga	cgggtnncc	900
ttcttgggtc	cctctccata	gngggannca	nanggcnttg	ncttngntat	gnggtggaac	960
ccccctctgg	gggggaaaat	cggcccccca	nctgggctcn	ctncaaagt	antngccngn	1020
ttacgtnttt	nctcnctng	gntaggancn	ccnntntacc	ntctctatct	tanttttnt	1080
tacngntggt	atnanggc	acngccgtng	agntntccct	ttgggagnan	ncacttcncc	1140
tctttngg						1148

## &lt;210&gt; 1904

## &lt;211&gt; 1194

## &lt;212&gt; DNA

## &lt;213&gt; Homo sapiens

## &lt;220&gt;

## &lt;221&gt; misc\_feature

## &lt;222&gt; (1)...(1194)

## &lt;223&gt; n = A,T,C or G

## &lt;400&gt; 1904

cancaaaann	nannnaacnn	nnnnnnnnnn	naacnanaag	gngngggggg	ggggannnnng	60
naaacgcaan	aanaacnnnn	tcgnagnnna	aaaaccnccc	cccnccnnnn	naannccnan	120
caangcggn	ngganggggg	ggggggannn	nannnnaaan	aaaannnncc	tanngngnnn	180
nnntnnntn	tnacgncccc	cnccganaac	accaacgnca	cggcggggng	gngggnnnnnc	240
gaaaanacgn	agaggacgag	aggatggnaa	cncacacncc	ccacaantcc	ccggacagna	300
catcgccn	acnacacnan	gaagnnggng	ngggngnnng	caagnanaaa	ctnacanaaa	360
ncantnccac	gcncnaacgg	ancnnncnaa	aaacancatc	angnggggaa	acgnanacng	420
cnntacanag	ggnacacacn	aagncaccan	aagacntana	nccnaangga	anganccgca	480
acngaaccag	aacantnagn	cctgnaacgc	angaanggan	agcctntnat	gcgnacancca	540
cgnaanacct	cnacnancgc	accnccnnaa	aggccagcan	gataannaca	gnatagtcnn	600
anntacacaa	ccacgagacn	catgngncac	annacnanc	nagnaaagan	cgcggnganc	660
nnaagcanan	acngagnacn	anaacgncnc	cccaagtnac	cacaancntn	aanaacnnng	720
aanacaaaagc	gaccannaaa	gccacacggn	cgaaanaatn	acgacnaann	naaccancnc	780
naccacnnnn	gaagcgangc	antatggcac	nngacancgn	accnccggang	aaaacngcgt	840
acaccngnag	acnacnatcg	tccngcngat	gggcccanta	ggcaccnggg	gaccttngan	900
ngnanananc	ataggnnnaa	aacacagnna	naaaaatgna	ctaatanccn	gngnnnnngnt	960
caacgaaann	ancaccacaa	ccantcacca	ganagnnnng	cgaacaaaat	cannggccac	1020
ccctnngtgc	ncgcccccca	nnaaggaana	cccannaata	cngcncngnt	tcccccnca	1080
gancaannga	aggaccnta	tacccccaaa	cggctnnnca	actaacggan	gaancaaaanc	1140
ccccnnngac	atnagaanaa	ngantgccca	cagaaagnag	nanngcgcac	ccac	1194

## &lt;210&gt; 1905

## &lt;211&gt; 705

<212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(705)  
 <223> n = A,T,C or G

<400> 1905

ccnecgnatcc	cctgagggga	ccatgacttn	nnnnntnca	gtatgtgacc	gagaagggtgc	60
tggctgctgt	ctacaaggct	ctgagtgacc	accactgcac	tccagcctgg	gtgacagagc	120
gagactccat	ttcaaaaaaa	agactgaaac	aagcttggtc	taagatggaa	agggctgctt	180
ctaacagatg	tggtttgttg	cttttagttg	tgaagcaaaa	atactgagtt	gttatgttta	240
tggtatcacc	ccaccactac	ctccatgggt	gttcatttag	gatgcttcta	attcageccac	300
tgtgaacat	tataaagggt	ttattgccat	gttgaaaatg	tttataatat	ggcaaaaagg	360
ggcatcaaat	agaagattta	ctattattcc	agccatgtaa	aaatatgtgc	acatatggat	420
gtatgttgaa	agtggatgat	ggagaaataa	aatgtgggtt	tctttgggga	ctggaaaaaa	480
aaaaaaaaaa	aaanaaaaaa	annnnnnnnn	nnnnnnnnnn	nnnnnnnnna	nnnnnnnnnn	540
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	ntcnnnnnnn	600
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	660
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	705

<210> 1906  
 <211> 1379  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1379)  
 <223> n = A,T,C or G

<400> 1906

ttnnnaatnn	ttntttnnan	nnantantta	nnntaagggg	ntgggggggg	gtnantnntt	60
aaanaana	annnttttgg	ggaaaaagnn	ccccnnntn	tntantaang	nnntnaagat	120
aggggggggg	gggggtgagn	aantntaant	atngattttt	tnnnnagann	taggagnaac	180
ganataataa	taangaaatt	gnngggagan	tntagggagt	ataaaaaatcg	atatgtggat	240
ctaantnatc	nnngctatg	tattacgaan	nattntnant	ncntntant	atgananata	300
tatttacatt	gatnatntna	nnatatntaa	tgngtatac	gntataatng	tttcaatact	360
tanntaanat	anntaattnt	tntagatntt	atntataaatt	ttacgtcnaa	caataatngt	420
tangatnttt	attattatca	tgntnttgna	nataattttt	annaataaatt	tcntatnaat	480
cttancncaa	atatnttggt	tnntgttaan	nnataanaana	taattatnat	nntaatncaa	540
ancnatat	aatttnagtt	tnngntaaan	naaatantgg	tatntttntg	tnnatnana	600
tnnnatnatt	antanttgng	tntganaaag	aaactnattg	catanttnga	ggntantntg	660
aaatnnaata	ttcacannnt	tgntntttnt	gtannacaca	tatangnnnn	tatgannnaa	720
tanaaaataag	ttangtngat	atntantggn	ncnttatcaa	tngtaagtat	gttngagnnt	780
tgatacntna	ataagaaatt	nataatgtgt	ncnagtanta	nnntaaatat	aatnagagta	840
tgtagngcta	tnaancactn	tnataaatga	acgtcnatcg	ttattgcnnt	attnannnaa	900
agacntatat	atanatntaa	atnaaatnac	ganatatagt	cnatntntat	tatanngnta	960
atacnnataa	tatatatnta	agcgaganga	tgaaaatacn	anacaaataa	ctatgcgtag	1020
tnntnaaga	taagaatnat	aancntnatat	ntctatntc	atnnatnaga	nataaanaga	1080
tgataaanca	natagaatna	ggtaggntaa	gttatnctnn	aataatnnaa	tatatnatag	1140
atanatagtc	gatnaancnt	aagnatangt	acgagtnnag	agtatgntan	tantnaatgc	1200
tatgtnttat	natcgataa	tantcgtaaa	tgtgatntnt	tanatatagt	gtanaatgna	1260
cgntnataa	ngngtggnan	tttgaantan	accganatag	gntacntncg	tganattana	1320
agtataatat	gctatatana	nnngggngnn	agaaaganat	gatataatat	atttcgagn	1379

<210> 1907  
 <211> 676  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)...(676)  
 <223> n = A,T,C or G

<400> 1907  
 ngagaaaaaac ctgcnnnnnccg ctccccagggt ttgctttttcc caggagggtgt gagcctacct 60  
 ggaggagggt taggcacagg gatacctgct ggagggtctga gcgttggttg agcacctcct 120  
 gtttgttagga tcctgtgcca gacctgtggg gaggtggaga gaggttagga gacatagccc 180  
 ccacccctga gggatgagac agctccctgc aggcaggctg tgcccagtca tctcaagcct 240  
 acagctgggc tgctggctgc agggctctgga gggcgngggg gaggggtggca gacagagtag 300  
 caagaccccc acttcccttg ccttcttcac agacctgcgt catgcgggccc tgggaccgca 360  
 gcaagccctt gctcttctgc ccggccatga acaccgcat gtgggagcac ccgatcacag 420  
 cgcagcaggt agaccagctc aaggcctttg gctatgtcga gatccctgt gtggccaaga 480  
 agctggtgtg cggagatgaa ggtctcgggg ccatggcttg aagtggggac catcgtggac 540  
 aaagtgaataa gaagtctctt ccagcacaat ggcttncagc agagttgacc tgggaattct 600  
 gtcattgggt gtcccttctg tactcanaaa atgggttcag gccaaagtcng tgaaagatng 660  
 atgtttggca aaaann 676

<210> 1908  
 <211> 785  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)...(785)  
 <223> n = A,T,C or G

<400> 1908  
 nnaancncat acangctact tgttcttttt gcaggatccc tegattcgaa ttcggcacga 60  
 ggggagaaga gccgccagcg gaacccctgt gtgcaccaac cttccccaga gctccggagc 120  
 gccctctcct cacttccagg ttttggggcc agagnttgnc gggagaccgc cccagcttcc 180  
 ttctgacctc cagttcactt tgcgcctt ggagaaagat gtttttnttt tctnaaaata 240  
 accccaatgc tccaaannnn nngnnannaa aaaaaaaaaa aaaaaaaaaa anaaaaaaan 300  
 ntaaaaaaaa aaaaaanaaa accncgaccc tttaaaantn tagggngtcg tttnnctan 360  
 anccaaactt gataanatcc nttgntgngt tnggncaanc cananntaaa atgcngggaa 420  
 aaaaangntt tnttngggaa attgggnang ctatggnttn nttngaaacc attntaagnt 480  
 gcaataaaca ngttancacc accantngcn ttcnttttat gtttcagggt cagggggagg 540  
 ngngggagggt tttttaantt cngggccggg gcncccaatg ctttggggcc ggancaccagn 600  
 ttttgttctt ttaaggagggt gtaattgcc cccttggcgt aatcatgggc ntagcttgtt 660  
 tcctggggga aaatngtttt cccgttcnaa nttcccnaca aaaatacgag ccggnagcnn 720  
 taaagngtaa agcnnngggg ggcctaatagn agggaccnac tcnatttaat tgggggtggc 780  
 ncncn 785

<210> 1909  
 <211> 957  
 <212> DNA  
 <213> Homo sapiens  
 <220>

<221> misc\_feature  
 <222> (1)...(957)  
 <223> n = A,T,C or G

<400> 1909  
 nnangnngtc tananagnng ggtgtnttng atttcgaacn ncnncanttn aagaatgcng 60  
 ggnnttnana ngttgtanna gngngngngn aaantnntgg ttnatagant annnannnt 120  
 aatcgacant cnnntgtncn ttttncnata aggnaataan ttntgngcga tgtctnntgn 180  
 natgtatnnt actnnatctt cctcatgan cntnnnataa cntnangaat nntagacttt 240  
 caagacttnn tgntaatnt atnntaacng tggattnttt nnatagntnn atnannncta 300  
 ncgtntcnn cnaaannant ntantgtnta tnataatann tagntcttan tnnngtttan 360  
 aagatantnn attggnttga ngttntatan ncttgagtcn nnggaccnca tantaanttg 420  
 tttncnaata ttattntntaa ntanntantg ntnntnncan acntttntgn anacntttta 480  
 annnnngccn naaantntnt caanntntnt ctngtatctn gcntattntt cagaatncan 540  
 cntccctttt nntaacatnc tgaatnnnná taaaannana tnnntnnana tanntatnan 600  
 nnntatnacn atctnntnat ganaactnta nacttttnan attcanannc atnncnagtn 660  
 antaattaan nntntttnta ttgnatcang natttnnatn ntcanntcgn anantnngat 720  
 gnataaannn agtcatanna aagattangt acgactgcgg tncaacnntn nnannnnntg 780  
 aatnatgann ttngananaa ttttgtgnan gataatgctn attnaaanta tnnactant 840  
 ataacnanca tntntntnt gantaatnnn aatattntnn anatatagtt ngacntnacg 900  
 tgnnnnctna ntgagcagna tangttatcn agatatnttn tanctctcca tgaccac 957

<210> 1910  
 <211> 682  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(682)  
 <223> n = A,T,C or G

<400> 1910  
 gcangaggcc tgcatannnn nncattactc aggagtggga agttcagatg gtaactcaga 60  
 ggaaagcaca ctggggaaat ggagaaaaga tgttctttct ataattgatg acttagctga 120  
 tgggcccacag attcttgttg gatctagcct tggagggtgg cttatgcttc atgctgcaat 180  
 tgcacgacca gagaaggtcg tggctcttat tgggtgtagct acagctgcag ataccttagt 240  
 gacaaagtth aatcagcttc ctgttgagct aaaaaaggaa gtagagatga aagggtgtgtg 300  
 gagcatgcc tcaaaatact ctgaagaagg agtttataac gttcagtaca gtttcattaa 360  
 agaagctgaa catcactgct tgttacatag cccaattcct gtgaactgcc ccataagatt 420  
 gctccatggc atgaaggatg acattgtacc ttggcataca tcaatgcagg ttgccgatcg 480  
 agtactcagc acagatgtgg atgtatcct cccgaaaaca cagtgatcac cgaatgaggg 540  
 aaaaagcaga cattcaactt cttgtttaca ctattgatga ctttaattgat aagctctcaa 600  
 ctattagtta actagtatca catgtttagt tgggtattgt aaacctatgt atcccagaag 660  
 antgggaaga nggataagaa an 682

<210> 1911  
 <211> 875  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(875)  
 <223> n = A,T,C or G

&lt;400&gt; 1911

angnnngaaan	aanagnggga	tnnaanattg	gaaaccnnnn	nnatgagagg	nggggtnaaa	60
tgatggntn	tggnaaat	ngaagaanaa	aaananaaag	tattaancgg	aggagggggg	120
aagtgnataa	ataattnt	nannanagan	tnaanntaa	aaatanttna	tcaattntg	180
antaaaant	agattannaa	tctnatntt	ggagataaat	attgntaaaa	tataaaaaga	240
aaagtaanaa	tannaagaat	tantatanta	ttantatana	naanaaaatn	gtatgaanta	300
tnatanttta	aaaannagta	ananaatann	mntatnaaaa	taanactagg	aatnnatnan	360
tanaanttta	aaaaaanaa	tanataatan	aaattaaaaa	atanttcnaa	aaaantaatg	420
tanantaana	aaaanataaa	ntaattaang	aaatannana	naaataaaat	ntataataan	480
nataaatata	taataataan	tantatnatn	nagtntnaaa	tnataatant	nataatataa	540
ntannaanaa	atataaaaat	aagaagatat	gnnaaaangaa	aaaaatatan	aggaaaagta	600
aattaatnga	tatttaaaga	anaaagaaaa	anaaaatat	anannatnan	aatatantat	660
aantnaaant	ananaaana	tncnaattnt	annagatnat	aaganaannt	atnaaatnaa	720
cntgaaatat	atntaannat	agnacttata	natntataa	agangnntta	agganaatan	780
atnaatagat	anntnaaata	aattataata	tataaaaaat	annaaataat	gagntganng	840
attatannaa	mntatanngt	atntaatata	ataan			875

&lt;210&gt; 1912

&lt;211&gt; 671

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(671)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1912

gcngggaggga	aatcatnnnn	nnaggcaagc	agtttcaccg	gatagtgaca	taccatcgcc	60
acctttatga	tatccacgtg	actgttcagc	caaagtataa	acacgtttat	cctaagaact	120
ctgtagtaag	aaaaagccat	tgtaggggtg	cttaagcttg	tttgtaaaat	ggcctacttg	180
aagtcctcat	gaataatgag	ggttgacttt	catttgcttg	aaacttaagg	aagtttggtg	240
ctataaaaagt	tactgcaatt	cagtatttct	ttattttttt	cgagacagag	tctcaatctg	300
tcgcccaggc	tggagtgcag	tggcatgata	taggctcact	ggaagctctg	cctcaggggt	360
tcatgccatt	ctcctgcctc	agcctccga	gtagctggga	ctacaggcgc	ccgccaccat	420
gccagctaa	tttttttttg	tatttttagt	agagacgggt	tttcaccgtg	ttagccagga	480
tggtctcaat	ctcttgacct	cgtgatacgc	ccgccttggc	ctcccaaagt	gctgggatta	540
cagggtgtggg	ccaccacacc	cagccttttt	tttttttttt	tgaaaaanag	ngtttatttt	600
tgccaaaacc	cagggtggng	nggnngggcc	aaatntgggt	tnttnaaacc	tccccnccc	660
cgggtccanc	n					671

&lt;210&gt; 1913

&lt;211&gt; 685

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(685)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1913

ccncnntcca	angggactat	cctctggagg	nnnnnccatg	cagcaagatc	tacgtggatg	60
atgggcttat	ttctctccag	gtgaagcaga	aagggtgccga	cttcttggtg	acggaggtgg	120
aaaatgggtg	ctccttgggc	agcaagaagg	gtgtgaacct	tcctggggct	gctgtggact	180
tgctgtctgt	gtcggagaag	gacatccagg	atctgatgtc	catgaagtta	ggaaggtcct	240

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gggagagaag ggaaagaaca tcaagattat cagcaaaatc gagaatcatg aggggggttcg      300
gagggtttgat gaaatcctgg aggccagtga tgggatcatg gtggctcgtg gtgatctagg      360
cattgagatt cctgcagaga aggtcttcct tgctcagaag atgatgattg gacgggtgcaa      420
ccgagctggg aagcctgtca tctgtgctac tcagatgctg gagagcatga tcaagaagcc      480
ccgccccact cgggctgaag gcagtgatgt ggccaatgca gtctctggatg gagccgactg      540
catcatgctg tctggagaaa cagcctacct gtatgtcaat aaacaacagc tgaagcaaaa      600
aaaaaaaaaa aaactcgacc cttnaaaactt tagggagcct ttttcntaa atccancttg      660
aaaaaaanct tttttgattt ggnnnn                                     685

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&lt;210&gt; 1914

&lt;211&gt; 690

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(690)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1914

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ccn-cnntcna attcggcang aggccagatc c-n-n-n-n-n-nac agcngaaacg cttgttgaat      60
ggcttcagag tcaaatgaca aatggacacc taccagggaa cggagatgtg tatcaagaaa      120
ggctggcacg tttagaaaat gataaagaat ccctcgttct tcaggtaagt gtgttaacag      180
accaggtgga ggctcaggga gagaagattc gagatttga gttttgtctt gaagagcaca      240
gagagaagtt gaatgccaca gaagaaatgc tgcagcagga gcttctaagt aggacatcct      300
tagaaactca gaagttggat ctgatggctg aaatatctaa cttgaagttg aaactgacag      360
ctgtagagaa ggacagattg gattatgaag ataagttcag agacacagag gggctgattc      420
aggagatcaa tgatttgagg ttaaaagtta gtgaaatgga cagtgaagaa cttcagtatg      480
aaaaaaagct taaatcaacc aaagatgaac tggcatcttt aaaagaacaa ctagaagaaa      540
aggaatctga agtaaaaagg ctacaagaaa aattgggttg caagatgaaa ggagaagggg      600
ttgaaattgn tgatagagac atcgaagtac aaaaaaaaaa gcctttaaac tatagnagat      660
cgtttacgta gatccagacn tgataagatc                                     690

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&lt;210&gt; 1915

&lt;211&gt; 780

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(780)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1915

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annannnaga ggggaatann gantnagttt naannccatn tnnannnaaa nanggggggn      60
naatannatn nnnntgnggc cnaatctgna cgataaacia tngangtcaa tcctanatgc      120
cttaatatnt gtacattnat anaacaatta tatngattat cnancnaaag tnactgtgaa      180
gagcgataaa tacttcacta ttaaganact ntcngcngag aacatttcag tggaaacantt      240
ngcaaaaaana tttnttcaaa aatgngcaat tcctgggaaa aaaggaatga tggaaangaag      300
gttantagca gttttncata aanaattaga cannatnggc ctgcattntt atngactaan      360
gaatcccaat ttatannntn aagaccatta atatagaa acataaggcc ataacatntn      420
aaattaanca catggagtga tttgtatnt cgtgntaatt taaacntaag atgttatnt      480
naaaaatgat cttggaatat aataaanant ttaaanntga ggaanggaag gtnaaaaataa      540
aaattntctg taaccctttt ctttatgaaa tcntgctaaa taaanaataa cctaggatat      600
acttaanaag aaccaagcca anaaaaaatt accttttaag naancanntc nttnanttna      660
tntttctttc tgaaatnaat acncnaattt taatgaccnc aggatctttn cngatcttaa      720

```

cggnaaagga ataaattaaa naccaaggcn ncatatacct cttgattcat tnnataaan 780

<210> 1916  
 <211> 848  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (848)  
 <223> n = A,T,C or G

<400> 1916

cggntnttcc gaantcggca cgagaagact ttctccta	gcttggaaaa ccataactga	60
catagttcta aatggcacag ccttcgtgac actagaaatt	ggaaaacaac taattaaagc	120
acagaaagga gcagcatttc tttctattac tactatctat	gctgagactg gttcangttt	180
tgnagtacca angtgcttcc tgcncnngc aggtntngac	ccangnncta ntctcttggc	240
ntttgaatgg ggtgattntn gcngtgnatt nagctnttcn	atcncgtgtnn tcagagccta	300
ttnttnatnn tnacnctagt actttanngc tatnacagta	tcaataantn nttttttntn	360
ttctacnccac tntttcnaca ccctnccagg ancaggttcc	atnttttgct nacaaacnag	420
tnnncttngn atntannacc ggancctntc anttnnggat	ntnanaactg gagctatggn	480
ggnttacctt gcntttaacn tngannaann ccntctacna	agcaatgggc atttgggcc	540
ncgttngggg atttctaaga aanccttgat gnaggtggga	natttcacnn ncncattgg	600
nanngcgtat aggcctagaa acantttggn aacggtttgn	aanaattctg nttttcgggn	660
cantttnggg tgnaagnang ggggcntcta aatgtaaacc	ataactcctt ntcgganaaa	720
ggttnggaaa aaanattttn ttaaaancct aaattccang	nngcnncaaa cctttttcca	780
tttttgcacn ggaaattann ggggtaaaag gccnttctg	gaaaaaattn tggcncacct	840
taagggttn		848

<210> 1917  
 <211> 690  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (690)  
 <223> n = A,T,C or G

<400> 1917

ncccnntcna ntngccggca aaggacttnn tnnnttgaa	aaccatgtaa agtttgatca	60
tatcattagc tattgggtcag acctattttg ttgtttgaga	aaaacagnca catggggaaa	120
atggtgaggt gaggtagtgt gttgaggagc tggaagtga	gagctcttaa ttttttctc	180
ctgagactga gttcggaga agagtagacc atggcatgga	ggtgggagag acaaggacag	240
agttggggag gtcactgect cacacttctg ctcacaccgc	tgggtctggt ggaaactcaa	300
agtttgatc taaaaatggg aggtgttggg atagagtttg	cttcctaata caattgaaat	360
aaatcaggat aatgttttgg tgctatgtaa taataatagt	taatatgacc aattattctg	420
tgccagacac aattctgagt actttttgag tggtgtctca	tttaattctt tcaaaacat	480
gtgagaggcc tagcgtggtg gctcacacct gtaatccctg	cactttggga ggctgaggtg	540
ggcagatcat gangtcagga gttgaagacc acctgggtcaa	catgggtgaaa cctgtctct	600
actaaaaatc caaaaattag ccaggcatgc tgctcacccc	tttaatccca actacttgag	660
aaactgaggc aggtattatcc cttgaagccg		690

<210> 1918  
 <211> 1325  
 <212> DNA



<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1325)

<223> n = A,T,C or G

<400> 1918

acnntaaactt	nnntnttnnc	ntatgntaag	gngggggggg	ttnnnnncng	tnatannttt	60
aaataaaaanc	ccctttttat	ttntnanta	ngtagggggg	gggggnatttc	cacnecgnntt	120
ttggganmna	gcccnnnncc	tccgatattn	nantatatng	ngngngaaat	actataacgt	180
gtgtntatat	atctccccc	cctatatcgg	ngngatactc	agnanntana	catntntnn	240
gatctccact	ncgaggnatc	anntgnatat	aatcnnncnc	aannagnnta	tantcantca	300
catagatgng	actatatnt	anntncnttc	tcnnactntn	tntntnnact	aatantntnt	360
gatncncnt	attatntcng	ataticntcat	aacagtntna	tantancttn	tcnngtannt	420
aannttatat	aagtgttnac	tnnacnagat	anattataag	ttangncgtt	ntcnanctga	480
naactcttta	ttgntttnt	tnatcanatn	atnctttgct	caatcnacnt	tcaattntga	540
atagntnnct	ntnngttatg	atattntnnn	tttanatatc	tntntgantn	nantactaag	600
ctctatncaa	cattnnatat	tnnnaannan	acgatannntn	nnctttcctt	gtacctcatc	660
ntntctngta	tcangattnn	gacnecgctc	ncttntcgnn	cnntcctnat	attatntntg	720
ancttntana	cactatatct	tntatcaata	ngtgtatagt	atgnanacat	ngcncatanc	780
gtaaacataa	acntnatnga	atgatctnat	ttataataat	atattnatat	atcannaact	840
atcatgttat	cctnnganca	tatatatan	ntgantcttt	agtnctntcna	ncattcnana	900
tacgtcttnc	atncegctnn	tttgntttat	ncctatttgn	gantgtgtnc	tancntnttn	960
ncnaacgtgt	cgtantatac	agtnannta	tgtntttata	ncnnnacatc	cactngtacy	1020
atatatncan	ngcnnancnn	nanntatgta	atntngcnac	tgnntnaant	natncncant	1080
atgnananat	nnntntntn	cattgnatcn	ntagctttta	tcatgcncna	nagnnncact	1140
tgtannngtt	ngtatatant	ntatatcgct	ntcctntttg	angtatntat	tctgtgtant	1200
actncttcgn	cncannactc	agatcnnana	tttcnctcgt	nngangcatg	tttaantactc	1260
ncnngttana	tatatnatat	atcanttctc	tatatnttat	naacttgatn	tatannactn	1320
taccn						1325

<210> 1919

<211> 662

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(662)

<223> n = A,T,C or G

<400> 1919

ncccgatcga	ntcggcacga	ctcagctctc	accagctgtc	agatgctgcc	acagggcgag	60
aacctccaag	atgtgctccc	cagggacatc	tactgccgcc	tcaagcgcca	cctggagtat	120
gtcaagctca	tgatgccctt	gtggatgacc	ccagaccagc	gcggcaaggg	gctctacgca	180
gactacctct	tcaatgctat	tgccggaaac	tgggagcgca	agaggcctgt	ctgggtgatg	240
ctcatggtca	actccctgac	tgaagtggac	attaagtccc	gtggagtgcc	tgtcttagac	300
ctgttccttg	cccaggaggc	tgagcggtg	aggaaacaga	ctggggcagt	ggaaaaggtg	360
gaagagcagt	gccatccatt	gaatgggttg	aacttttcac	aggtcatctt	tgtcttgaac	420
cagaccctcc	tgcagcanga	aagcctgcga	gcaggcagtc	ttcagatccc	ctacacgacg	480
gaggatctca	tcaaacta	taactgcggg	gcactcagct	ccgtatccct	cagccatgac	540
agctcccagg	tggaggttcc	caattttatt	aatgccacgc	taccacctca	ggaagcgcat	600
cactgctcaa	ggaagaattg	acagctactt	taccccgga	acttgatcta	caaaccggaa	660
tg						662

<210> 1920  
 <211> 663  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(663)  
 <223> n = A,T,C or G

<400> 1920  
 ccnccgnatcg aattecggcac gagggccacct actgcgtctt ggatcatggag aagaagagct 60  
 ggagacagag aaagatttca gcagaatcct caggatggat ttagccgact aaaacgatgg 120  
 attatgattg gcgatcatca ccagttacct ccagttatta agaacatggc ctttcaaaag 180  
 tactcaaaaca tggagcagtc tctcttcact cgctttgttc gcgttggagt tccgactggt 240  
 gaccttgatg ctcaagggag agccagagca agcttgtgca acctctacaa ctggcgatac 300  
 aagaatctag gaaacttacc ccatgtgcag ctcttgccag agtttagtac agcaaatgct 360  
 ggcttactgt atgacttcca gtcattaat gttgaagatt ttcaaggagt gggagaatct 420  
 gaacctaatc cttacttcta tcagaatctt ggagaggcag aatatgtagt agcacttttt 480  
 atgtacatgt gtttacttgg ttaccctgct gacaaaatca agtattctaa caacatataa 540  
 tggccaaaag catcttattc gcgacatcat caatagacga tgtggaaaaca atccattgat 600  
 tggaagacca aacaagggtga caactgttga tagatttcaa ggtcaacaga atgactatat 660  
 tcn 663

<210> 1921  
 <211> 909  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(909)  
 <223> n = A,T,C or G

<400> 1921  
 aaannnnnnn ananagnngg ganaannaan tataaaaatt aattnaaana gnngganttan 60  
 annnttnnnc tntggaaaat tntnttnaga taaaataaag tnagaattac annaattaat 120  
 taaacnaaga nnnanatttn naataggaaa gataaaaana aanagattan taaattataa 180  
 anatanaant gntggaatnt gaaattaatg aanaagntaa tattaataaa aaaaaagaaa 240  
 atgtaancat tatngaaaat agtnnnaagg attaaangaa naaacncaa aaanaaatca 300  
 ntnttaaagn nngnatagna naaaaatnat taaagagtna taaatngtt tnaaaaatgt 360  
 ganaaanaaa gattaaanac ancnanatnat taaagagtna tacnagtngg aatgaaaaaa 420  
 nangatnata tatnnntaaa gttaaagaatg anaatnaatt nataantaag naatatagta 480  
 aataaannag nngnntaaaa attaaantgg gaatnnaaat gntaaanant gtacanatag 540  
 gagatggnaa taaatttcna ataatngatt agaaaatnnt gtntatgaaa agaaactgtg 600  
 nnaatataaa ganncaacta ctattaatan aagctangat ttgtttanaa nantntataa 660  
 tggagntaaa naaatngaag ngngaatatg aatattgata attatctaaa aanaaanntt 720  
 taatatnnga gatattnnga ttataaggta tttatgcgtn nntaataaga agttaataat 780  
 cattaataat anggantntt taanaataan tgtnnatggg ngtaanaaaa caanaaaatt 840  
 anaangatta aagaanttaa anaaantnnt ttagacatat aaanaannat nannannnat 900  
 nattaataaa 909

<210> 1922  
 <211> 1325  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1325)  
 <223> n = A,T,C or G

<400> 1922

nncannnnat	tattctcncn	cnnaatnnaa	gggtgnngggg	gggttttntct	ncaactncnt	60
anntttttng	gnatnnnccc	cnantgnata	ngntnncnag	gatanngngg	ggggggggttn	120
ncanantata	gnnttttg	nnagananac	ccgtntnccg	natntaatnt	ntagattggg	180
ggantattnt	atantatgag	ngggnnatgn	ataccctctt	cattcngnan	acacnnatta	240
naatatgctn	atgntanctn	cncctctnnta	tntcntancg	tatattttnt	tcaccatnan	300
atnnntnttc	ncatcacncn	ntannatnna	tttntncaat	tntncnanc	nncantcgtn	360
tanaatcata	tctnanatnn	ctataanaga	cgctctaact	aatcgcacnt	atnntattta	420
tcnntannng	agtnttntat	cntatatcaa	tatanatttc	tcttagatcc	nanttactnt	480
acctntannn	ctcntantat	tctnactnnn	nnntcnacgt	nacgnaataa	tancttctat	540
nnacgctcgn	tgatgncnac	tgntnntatt	nnatnnaata	ctacttctcn	ntcntncnnn	600
cntctatcac	atttncgata	ttgaactcgt	ntntatnctn	ccttanntca	tnntttnnac	660
acantanaca	tcanntangn	atnntgctcn	tntancntna	tctnnctana	tctctctatc	720
tantannntn	tacnctagcn	aannctnntc	nnatntattn	antacttcaa	tactntntnn	780
actnttttga	cctnatattnc	tnnnnttggt	gcttttataa	catntantnt	annntctgac	840
ncttatancg	atntatctcn	atannanttt	ncncnctatn	tntcncttta	tnnnntngctc	900
acnatatnna	cnnnncataa	gataaacntc	cnantnatnt	acncatagat	ntatangtaa	960
nattatgtca	tatgtccttc	antntntntn	gacatatgaa	tncagtagct	atatctgac	1020
nngcatatan	nctcgcnacn	aacnctcata	naantatcct	tatatanaata	tgaattngtg	1080
tangagntat	gccgntaacg	tgntcnatac	gctctatata	tgcaatnatt	tttttcatac	1140
ncatgtacag	tacntctatg	tnntatntag	tanatgtctc	nactatganc	tganantatt	1200
cagntatagt	cccttnncac	tcactctcgan	anactctntc	actatnnata	tannttctct	1260
naatctatnn	ntatatctct	cttgatnctt	ctcacaaaan	atgagantca	tgtatatnta	1320
ngcgn						1325

<210> 1923  
 <211> 823  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(823)  
 <223> n = A,T,C or G

<400> 1923

nnntntnnna	tanngggggn	nnntntnttt	tgtacncttt	ttntnannca	gnngggnaaa	60
cgcgnttnnn	nantccccca	agtttacttg	ggatnaannt	gnngtgggga	atanctgtat	120
gaatatanac	cncggngnac	ctgntagang	cctgnanagt	ctgtncacag	ctcnggggtt	180
tgggatantn	tccgtggnta	ctgtatgtna	cgganagtta	tagcctttac	ttactgtntc	240
ccctnacttt	ggagngatga	gagatcngnn	ttnganntca	nnatcntgtt	ggatggntan	300
tctgnctacg	gngetgntat	ngcaaatac	ntactgngat	tgagcacctn	actgttttnc	360
ccctcctctn	ctcttagatt	ctgnttggnn	cggttattct	ctacctacct	cgangtaatz	420
tgtntctcgt	cactcctate	tantctcctt	ncccttatct	tctntgcctt	natntnnaga	480
atctgtggng	nnntcctng	gcatacataan	cagnttnatc	tnntanaagn	tnntngtggt	540
nagtaaaana	gcccatntng	tgntnctttn	atctagnnnt	ntcgggggttn	ggaaaanntt	600
atnnnnatta	ntnaagggtg	gannttnaan	cgnttgaata	tttctnatga	aactgggnat	660
ntgtngtctt	aatagggagt	natnctantg	ctactggana	gangnttggg	gatttttcaa	720
tgntaagngg	gnttggactc	ttatcnngtg	anatnnntna	nnggggggttn	gnngcngcgn	780
aacnatgntn	tgaatatntt	ngngggtnng	gcntanaana	nng		823

<210> 1924  
 <211> 1171  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1171)  
 <223> n = A,T,C or G

<400> 1924

attantnact	anaagtagtg	ggganmnntt	anttatttna	antcnnntnt	ntnangnggt	60
nggntnatnc	nnnattnnn	natnaggncg	aatnnnntc	ttntaaattn	aagngtttcg	120
cntnaggac	tanttggctc	aaacttgggt	gctcnattct	gggnnaatnt	agtnttncan	180
tcttggaactn	agnggtaatg	ntnttctana	nttattctaa	caggannnat	ttnggtntn	240
nttcaataag	gngtgannnn	nanngtcgng	anngannnaa	nttggttaat	gntggtnatc	300
ataatagatt	attntataa	tgccatacna	nnnagngtgc	tcttnnngaa	tantgattac	360
ttgntttnta	gttgatnann	gattttgaat	tgngngnat	tctaangect	tantngcta	420
naaatcgggg	ngtngttgtg	ntagttaacn	tgannnatcc	ntnaggcngt	cngcnatana	480
tnattcttna	nacatccagt	ntntagnttt	aantntattg	ngantagggg	tggaacattn	540
nggaactcat	ggattgccta	tcnntttctt	tatcatncga	tggtttaann	gttttggtat	600
atgatatgtat	anatnnnang	aanaatgatt	tgnttaataa	tctacnttgn	nataggntaa	660
gttattcttg	natngtggtt	ttngtcnaga	atctggntct	nttnncatan	cngnggannt	720
nntcaegntc	ntgntnanga	ttatncnnna	tatatatacg	cntttctgta	tttagnanat	780
ntntattttg	tgaantaana	tnacntnat	nnngntngct	natntnccg	cantatatnn	840
gnatngatnt	gtncatnat	tntnngagg	tnncatttgg	naganctngn	nctcantng	900
cgaatttntn	tcttgtaacan	antcgaaana	tncggttaana	agggacnaaa	tntgtgctc	960
anacatnaca	cantacggca	tagtgacatc	tnaggnnga	tcnntagtna	taaactctta	1020
cccaganntn	atcacttant	nnnggttnaa	atntctctta	tgttttgagt	gggcnaattg	1080
nattatctna	tntctgtaag	gcncntnngc	ggntactana	tntctanatn	tactnntctt	1140
ntancnttgn	gnntntnctc	acctnecngn	n			1171

<210> 1925  
 <211> 1010  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1010)  
 <223> n = A,T,C or G

<400> 1925

tntcgtnnc	tnatagnggg	gtctntgtna	ttttntnca	nntnnaatag	aggtgggagt	60
ctagnnttgn	nnnnagacc	gagttagtga	ggggttnatn	nngnnttnag	ncnngngtg	120
cgnttttnt	ancntanaaa	tctntntcg	tnnantntn	ttngctaann	tttanntagn	180
taanangttt	taagtntagn	tccntnnant	atnatgntg	ntnttaagnt	cataatnatn	240
tnnncaagat	ntgnnanngt	gcttagaaa	taaattattn	antttggtn	ttaagtagat	300
ntgtatnagn	ncnaaatana	tnnaatcgat	tgannnttg	tnttnaatat	ngnntncntg	360
agctnnannn	aaaaantgna	ancantnaan	tttnanntca	tnnagtngga	anttaagttc	420
tnntnaacat	tttctnttct	atttaattga	tatattatta	gtgataaang	gtactaantt	480
tngtattatt	nnnnatnatg	gtaaatntca	gtttgcantg	tnnttattnn	gtccnaangt	540
ngaattgtna	aaaatgtgna	tnnnnanaat	ngcgtagnta	taanatnngg	ntntggngatg	600
ganctnnnat	ntngtnatg	tattngntnc	anatnnntat	cagatatngn	tnaggtnntg	660
ctntatnatt	acangnttat	tnaagtnngc	attatttngt	ctacggcatn	atangnanan	720
tnnttanann	attnnnntgg	anananattn	natgttgaan	tgaggagataa	cnntaanntg	780

ntgttttnna	antgtatatc	gnatattnncn	catnntangt	ananatatga	nnagttttaa	840
gttnntatga	ntggntcncn	atgttatatt	nnttcaggta	tagngantat	nggtannacn	900
cnatanattg	nctcatgatn	atngnanaaa	tggnancnaa	tctanatntt	tganatgaaa	960
catagntagn	aaatncgatg	tgtnagaang	tatggttgta	tngcanatng		1010

&lt;210&gt; 1926

&lt;211&gt; 665

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(665)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1926

gngntcgaat	tcggcacgag	acnannntnc	ttatcctcan	aacacnttag	nnnagctctn	60
nagtaatctg	gctacnagta	tgccttagaa	aagngacac	attnnctnaa	anatgatgat	120
agagaacang	tgatnttttg	ngcngattac	caanganctt	tgccctgttg	agngtctggg	180
ggatcatagg	gancctnnn	cngccttan	antnatngca	aggtcangat	cgctgagggg	240
tgagnatgga	nctntcatac	ctataanggc	aacctngagt	tgatcnaaaa	aangnnnacn	300
tnctcnnagt	acaccnactc	anancannng	ngacatntgc	atnnannngg	acaccntctc	360
attaatantc	aaaggataaa	ntttcttttc	ntatgacanc	ncctacncc	acnngtnacn	420
canggcncnt	cncctnanac	agtaaaccce	anncacnntg	cncaccanac	cacctgtncn	480
gaggnttatg	cctnagcata	tttcttttaa	gccgagggna	agttcnntat	gccacccttg	540
ctttgtaaca	aannttatnt	aaagtgactg	gaattatcta	ttccccagat	ngatcatctt	600
cccctgcaac	gngactctgt	ntcctgcgcg	gnttccatgc	tgactagtcc	cctactgnta	660
atatn						665

&lt;210&gt; 1927

&lt;211&gt; 1035

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1035)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1927

aaaannaaaa	antgagggg	natanatata	tanntannaa	naanaagang	aagggggata	60
aaanagatgg	nnggcnggng	ggannnatat	gaaagggagn	anagaanaaa	ngnggaattn	120
caatatgant	angtaatnat	aaaaagagaa	agtnggaaan	aattataaga	nntantataa	180
aangaaaaaa	atantatgan	aatnaatang	tnanaagaaa	tataaataat	anataataaa	240
ataanaatga	anananaaga	ngtaaatatt	agnaatatga	antaaaataa	tnnnaaaata	300
naaatnanna	aaaaaaatan	aatgtnaaaa	annaatanan	ggaaatntna	aatanaanaa	360
taangnantg	ataaaatatt	anatataana	aaaannnaaa	anagnaaaaa	tnntaaannta	420
aaaangagaa	antgaaaata	anataantaa	gaanataaat	aataaaaagta	taatatgaaa	480
aaaatanata	ataaagaann	tataanaatg	aaaagaagat	gtaanntnan	tatatnanat	540
naaaaaagan	aaagngaaaa	aanatattna	atataanatt	anaagatata	aanatngata	600
gaaanaanta	anatgagann	anatagagaa	gataatanna	taaaanaaga	gtaantaana	660
aanaataaat	gannaantaa	taaatanata	aataggtaaa	angaaaaata	aaataaaaag	720
anannnaaga	tgaagaagna	angaaaatgn	aataanatat	aaaannnagn	atntnanaga	780
gataanaagn	aaaaaaaana	aananaaaaa	agnatganna	tanaanaaat	aaaaagtata	840
aataataagaa	tngangaaaag	angagtanaa	tgatagngac	taactataaa	gaatatnana	900
gnaanganat	gagaanaaatn	atngaatagg	aaanataann	attatntnaa	natnnaatta	960

gntatnaata tnaatganna taaanaaant atatgaagga aanangaana ataaaaatna 1020  
angtaaaaaa aannn 1035

<210> 1928  
<211> 665  
<212> DNA  
<213> Homo sapiens

<400> 1928  
cccgatcgaa tcggcacgag ggaagacaca ataattttaa attgcctaca gcaggggttg 60  
gcaaatagtg gtgcaagggc cacatctggc tagcagccta tttttgagaa tgaagtttta 120  
tgagaaccca cacatctgtt ttagattgc tatggctgcc tttgagttac agcagtggag 180  
ctgagtagct gtgacagaga ctatatgacc tacaaaaact aaaaatattg gtcctttaca 240  
gaaaaagtgt tctgaccctt ggcctactat ttcaaatcct gggtaggtcc tccacgtcag 300  
ttcttcatgg aactgtattg ccgagggaaa ggcagtcctc acactgtgca gcccttcatg 360  
ctgtgtcctt ggctttctct gccatcctga gccgcaggct gtggggcagc gcagcaccag 420  
cactgcagct gaggagaagt tttgtgccc cctgccccca tcccctccag gccacgtttt 480  
agatggccct tgtagtgtgc ggtcctgggt gtcctcagaa ctagacatca atgcctggat 540  
ccttcagccc ggccctgccc tccttttagga gacaggagtc accagggcac agccctccag 600  
ccgcctcag gaaggaatga aaggaatgcc atcatctcta gttcccaggg cccagccttt 660  
ccctt 665

<210> 1929  
<211> 665  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(665)  
<223> n = A,T,C or G

<400> 1929  
cncnttcgaa tcggcacgag gattgatgta ggtttttaaaa aaggcatttg tatgttgta 60  
gcttacatat ggggctaggt aatttcattg cttaaaaaga tgcgcctagg ctccctcttg 120  
gtggctggat ttctttttct tcgcccgtgg tggccatggt tcttaatagg gccaccggaa 180  
tcatggtttc ttcttttttt ttttttttna aanggagtnt ccccntgnna ccnaggntgn 240  
agngcagggg cncaatntng gttaantgaa accttngcct cnnngggttna cccnttntc 300  
ntgtntaacc ctcntnagna nnnngaacta cnggnnaatn ccnccacccc cggntnattt 360  
tngnnttttn agaaaaaang gggtttnacn ataggggnna ggntgtntc aaactcnnna 420  
cntaagggna nccnctgcn tngnccnccn aaagggntag nattacaggn gnnaccacc 480  
acncccgnc cnaaanaaag ggtttttgna ctttctgaac ccctngtnen tnagtctgct 540  
ggnanattna ngtggacctt aatnatTTTT tattctgaac ccctnttaac nttaaatgng 600  
aaatntaaaa aattaaaaag tanaangnt tttattgttt tgacaccttt gaaattttta 660  
taaan 665

<210> 1930  
<211> 673  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(673)  
<223> n = A,T,C or G

&lt;400&gt; 1930

```

ccncnncga ntcggcacga gggcacagtc ctctctgttc atagaaacac ctgccagtgt      60
caaggattcc agtcagggtgt ctatcccaac tggtcaggga gagaaggga gaccattct      120
caaagaccac catgtccaag gtctgacagc tccccactgg ctgccccac aggggcttta      180
ggctggctctg ggtcatgggg aagcgtccct cttatcgctg gtctgtgttc tcctggattt      240
ggtatctatg ttggtacgac tcctggcctt ttatctaaag gactttggct tttgtaaate      300
acaagccaat aatagacttt tttctcccc tctgtttttt gctgtgtcat ctctgccttg      360
agactgcctt gagacagtgc ttgccttgag agagtgcgc aattaacagc tgcctgaatt      420
gtcattttcc attttgggtt gttagagggt ggagggtgg gttttgagaa ggtcaaaagc      480
aataccagaa gtaaaaggaa atatcagaca atatcttatt atttttcat agatgttctg      540
ccacacaaag aacttggggg gtaaggataa aggcaaaagc ctccaatccc atttttcaag      600
ttctcctang atgcaccct taaggagacc ctggccagag ttccgaggcc cgtgagcgtc      660
aactgttgct ttn

```

&lt;210&gt; 1931

&lt;211&gt; 667

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(667)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1931

```

ccncncctg ggaggaataa ttcaatttga ttggcagata tatataatac agtaggagaa      60
taatgggaga aagataaatt gagactagaa taggtagact ttaaattgcct gtctgggtta      120
ggtatttgaa ctttcaaggt gtggtaaatg tttgagtaa ggaataatgt gtccaaagat      180
tattatggaa ttgtctctct gcatacctct atcgctgttt gtcacagctg tgttcttatg      240
tgactgattc ttctgaaga ttagaaactc ctcaaagact ggttattaga gcttattctt      300
cattatagcc ccagcactta gtgcaatgac agaagcaaaa atattaattg aattgagaga      360
aaattgagat atagagacga gtcatttttg ttcacaacag aactagtatt taatgaaata      420
taatggaaaaa gactgagttg ggttactgtt taactgagag catcagagat ggataggcag      480
ggaggattta gaactgagag tgaattacag caatgaggga agcagaaaagc tggaaagtga      540
gagcgttttg cattggggag agtgctgagt gagcagagtt tttggaggta gagaaattta      600
taaaactaat cagaatgaac atttcatttg aagtaatagg gtaagcctct gaaaattgtt      660
cctangt

```

&lt;210&gt; 1932

&lt;211&gt; 708

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(708)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1932

```

cccnntccna ntcggnngng caacnacntn gnnngncccc cctcctatag gngaattcaa      60
ctcantgccc gatntnncta atacagtcag gntnntannng ngngaacnan aatttnntac      120
tannanacnt agactnnaan tgcgngtctt ggtttatggn tttgaaactg cncnagagtg      180
gtatncgctc ncataaagga anaangtgnc caangattat tatggaattg tctctctgca      240
tacctctatc gctgtntgtc acagctgtgt tcttatgtga ctgattcttc ctgaagatta      300
gaaactcctc aaagactggg tattagagct tattcttcat tatancccca gcacttagtg      360
caatgacaga agcaaaaata ttaattgaat tgagagaaaa ttgagatata gagacgagtc      420

```

```

atTTTTgttc acaacagaac tagtatttaa tgaaatataa tggaaaagac tgagttgggt    480
tactgtttta ctgagagcat cagagatgga taggcagggg ggatttagaa ctgagagtga    540
attacagcaa tgagggaagc agaaagctgg aagtttgaga gcgtttgnca ttggggagag    600
tgctgagtga gccagagttt tggaggtaga gaaatttata aaactaatca naatgaacat    660
ttcatttgaa gtaatanggt aacctctgaa aaattnttcc taggnntn                    708

```

<210> 1933

<211> 641

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(641)

<223> n = A,T,C or G

<400> 1933

```

agagtttang aagaaaggag gatttgaagg gggaggattc cttggaagaa agaaagttcc    60
ctatctggca tcatcaccaa gtacttccag agtgctggga ttacaggcat gagccaccac    120
acccgacact taaaggcat ttcttattta tccttgtttt agtcacacca tagtggaatg    180
agtaatcagt ttagaagct gcaaatttac cattctctca aagatgctag tgtaataggg    240
cactttaatt atgagtgggc tatatgctta ttctgtatgt atccttctta gtgagttgag    300
aatattatgt attctaagtc tttttttctt anactgaatt gggtgactaa atacatttgt    360
actatataat tntagtgatt ttaaaatcca gctaactttg caaacttggg ttggaaatct    420
tgtaaccac taatatatac agccatatag ataaatggat gtttagttca ttagatctta    480
ttaactgaca attaactgtt ttaataggaa caagagtttg ttcagaaacc aacagccaag    540
aatttagatg gctctctgaa aaagatcatc ccancagcag aaggcagaag ttagctaata    600
ttgagagaga gtgcctggaa taacaaagca acagnttcat g                                641

```

<210> 1934

<211> 657

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(657)

<223> n = A,T,C or G

<400> 1934

```

cctaggtggg ataatgtgat gtacattaca catgaactat ctacactcac taaaagccat    60
tatttaagag taagctcaca tagcacacct atttccttgg tgttgcaaag cttgaggttg    120
cacagctttc tcattttgta gagcaaatga cagttttcat caacagacca atggattcac    180
agctaagaat aagacaactt gaaaactcca cgttttacaa aatcattttc tattaaatta    240
taaaaacctc tgggatccaa actagcaaaa aatgccattt ttcaaaaaaa aaatttttta    300
gtggaaaata caaatatggg ctctatctaa tttttaaaaa gctggagctg ggcattggtg    360
ctcacgccta taatcccagt tctttaggag gctgaggtgg gaggatcatt tgagttcagg    420
agttcaagac cagcctggac aacatagcaa gactctgtct caataaaata aattttaaaa    480
gccgggtgcc atggctcaca cctgtaatcc ccggcacttt ggggaagtcaa aggtgggcag    540
gtcactttga gatcaggagt ttcaanacca gctggcccaa atatngnnga aanccttggt    600
ttttttttga aaaaaaccaa aaaatttaac cttggggccat ggtaaacaag gcncccn      657

```

<210> 1935

<211> 646

<212> DNA

<213> Homo sapiens



<220>  
 <221> misc\_feature  
 <222> (1) ... (646)  
 <223> n = A,T,C or G

<400> 1935  
 tgctgccgcc tggtcagtat tgggaagcaa ggtgaccgca nggggggtatg atcatgcagc 60  
 ccacttggtc caggggttcac cggggccccc aaccgtttct actgcagcca aaccanatag 120  
 gctactgggtg gggcaagtcc aagggtctncg accatgccac ctgccctggg ggctcccctg 180  
 gaaccccgcc ccctggattn agctctgcag cctcctccgc actcaggatc agccctcctg 240  
 tcctgccact agcccttttg tccccaggtt cagcgatacc caggccacgt gcccacttt 300  
 ctgagccana cccaggggcta cctgcgaggt ccacaggacc ccctgcgcgc ggccagccacc 360  
 gtgcttatag gcttntctgt ncaccacgcc agcncgggt gtgtcaacca ggacctgctg 420  
 gactccctgt tccaggggcn tgaatgagga acgcgccact tggacacatg aggaaaaagc 480  
 tgcccttggg agctactgat gctgtgacct cactctctctg gntttgggcg gnaggnccct 540  
 tgcacctagg atgcctngcc ttggaaaang nccttgcatt cgtgggcctc cnttanaggc 600  
 ttcttcttaa aagaagcctc ttgcgaatgc acagggaagt gtgnca 646

<210> 1936  
 <211> 654  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (654)  
 <223> n = A,T,C or G

<400> 1936  
 tttgaagnnn nncnccgcaa atatgccaaa ttttgtatta taattcaatc tgtatgacag 60  
 ttatgtgagt ttttttttgt tttgttttat gcttgtgtga agatttttgt agttaagctt 120  
 tttttaaaaa aaagtcaact gagttactta cgtgatgaaa ttagaacaca tacttcttac 180  
 aagcacattc tctcctatcc cctctccat ttcagttggc accataatgc catttttgcc 240  
 taaccataac ataaattaat atcattttat tttatggagt ttttctttct gggataataa 300  
 catttctgct ttgttgcata attatcacag acagggtttt ctttttttgg agatggagtc 360  
 ttgctctgtc acccaggctg gagtacagt ggcgatctt ggctcactgc aacctctgcc 420  
 tcccagggtc aagcaattct cctgcttcaa cctccccag tagctgggga cacaaggcac 480  
 ctgccatcaa gccccagcta atttttaaaa atatttttaa gtagagaang gggtttctcc 540  
 atgttggtcca gnetggttt ggaactctg gacctcaana aattctnccg acctcaacct 600  
 ccgaaagtgc tgggattacn gnggtgaac cacagnccct ggccacacac angt 654

<210> 1937  
 <211> 748  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (748)  
 <223> n = A,T,C or G

<400> 1937  
 cgctgggaa tactcgggag gctaaggcag gagaatcgct tgaacctgac ngntnncgg 60  
 ttgcagttag ccgagatcgc gccacttcac tccagcctgg gcgaaagagc gaaactccat 120  
 ctcaaaaaaa aaaagggaag ttgaanaana nctgcaaatg tnttgttngg gtaactttat 180  
 gnagggttgt gnncgtaagg gccattannt aaccccagga ntncntttta ngggaaagg 240

```

ggnnaaaggct gttcaaacnc agngagtcca tgtnnaaaat atgttttggt tccctnatte 300
ntttcccat cttttagtta ctaaaaatg taactgaact gcanatcctt ggngaaatat 360
ntttcaacaa atntttatgt gagggactga ttgcanagan ccacanacta anacnntgt 420
cgcnttcctg aaagatgaaa ngncctattn ttgcctatc ntcnttaaag gncagcngtt 480
gggggacttc tgggnntgga ccggnattnt ggcmtccnn gttnaanngg gggctttttt 540
taaaaaanaa aatttcaccc cntngacct ttggannagc nattaggga nggnccatt 600
tgnaaatnca anaaaaatnt tgcntccnaa aaaaaaaaaa aattttaggg ancctggntt 660
ntnccacttg ggggannagg gnttttaanc ccnaatcctt ngggaacttt ggggaaaacc 720
caaccttccc tttttgcat ttttaattt 748

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<210> 1938
<211> 640
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (640)
<223> n = A,T,C or G

```

```

<400> 1938
ggctgtggtg gagaagctgg gggccccctt ccagggtgctg gtggccacgc acgcaggctt 60
gtaccggaag ccggtgacgg gcatgtggga ccatctgcag gaggaggcca acgacggcac 120
gcccatatcc atcggggaca gcatctttgt gggagacgca gccggacgcc cggncaaactg 180
ggccccgggg cggaagaaga aagacttntc ctgcgccgat cgctgtttg cctcaacct 240
tggcctgccc ttgcgccagc ctgaggagtt ctttctcaag tggccagcag ccggcttcga 300
gctcccagcc ttgatccga ggactgtctc ccgctcaggg cctctctgcc tccccagtc 360
cagggccctc ctgagcgcca gcccgagggt ggttgtcgca gtgggatttc ctggggccgg 420
gaagtccacc tttctcaaga agcaccctgt ntcggccgga tattgttcaa cgtgaacagg 480
gtancgtncg gtgtgcccgga nccgcggggc tcccttgccg ntgcttntc ttcancgcca 540
nntctggagc angcgcccca cnacaaccgg ttttnngana ngacggactc ctctnatatc 600
cccgtgttca nacatggtca tttatggcta caggaancna 640

```

```

<210> 1939
<211> 646
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (646)
<223> n = A,T,C or G

```

```

<400> 1939
gnnncggccn gaatacatgt gttcatgat tcaagtgtct ggtatgtagc taatgcttat 60
tgaacacata gtaatttatt gaataattgt catgatcact ggatgagata tagccactgt 120
ggaggtaggc acaccagggt ttagaggct tgggatcttg caacaggatt ttcctcttgc 180
ctctccaaac tgccctttgc ccagatggct tcagcatctt ttgcatccc tgtttccttg 240
tttggtgaac acctgtctca acctgtctgc aaggcgtggg gagattctgc atccttggtg 300
agcactcatg tcaactccaa acagctgttt gatgctaata gcacacatga ggtcttgcaa 360
atttgtctga ggaactacag gacattggag agatatttat caaacacca ctacatgcct 420
gatacttaac taggaactag aaagtgggtg gtgaagacaa gtggaaagta aatgcaaac 480
tatteccata tatgtttgnc gcttagattg tccccaccaa ttccctcttg gaattgaatg 540
aatggacgtg tgtgtgtgca tgtgtaagng gagtgtgtat gccttggttg gtattctgag 600
ggcaagtcan gtanaggga aggaggccan aagccagaaa aatggn 646

```

<210> 1940  
 <211> 704  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(704)  
 <223> n = A,T,C or G

<400> 1940  
 ncagatgtgc agttgtgttg actctttgtc tcccgggtgat aaacccatgt gatatnnccc 60  
 aaagtagata atcaaaagaa ttgacaaaa aatattaaag caaagcaaag aaacaaaagg 120  
 tgatactgcc agaagtgaaa tttgaatgga acataaatgg aattacagag gaaatagcaa 180  
 agagtgggaa tgttggcact gctgtgttc cagtgactct agatttgctg ccagacaaac 240  
 ttagtgaaaag cattgtgaca taaaggatga acaagtgaca ctggcataag attttacagt 300  
 aaacaaatcc tgaagataat ttcatgacat tgaaggcacc aaggatacag tgtcagaagc 360  
 tgatccttag gaatataacg gtccaccatg gcatagaaaa gatgtatccg gccaggtaag 420  
 gtgcctcaag cttctaatac cagcactttg ggaggccgag gtgggtggat catttgaggt 480  
 caggagttca gggccagcct ggccaacatg gtgaaaccct gtctctactt aaaatgtaaa 540  
 aaattagctg ggcaagtagc gcatgcgcct gtagtcccag ctctcaggag actgaggcag 600  
 gaaaaatcgc caagancctg ggaaggcgga ngttgccagt gaaccaaaga tcgcaagcan 660  
 ttgcacttnc aacctggccg anagantgag aaccttgntt caan 704

<210> 1941  
 <211> 717  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(717)  
 <223> n = A,T,C or G

<400> 1941  
 ccncgatcga ntcggcacga ccacctaaan atcattatth tcaataactta aatattagcc 60  
 catnnnnnt tatcttcaga tgtctataat tggagcccta tatagaaatg gttgatgagc 120  
 ctatcggttg aacctactga gagaatagag tgatggctct agggcctcct gtactttgca 180  
 tgctcctcct ggaagtaaag agtaagacag agaataagtaa taatcaccca ttccagaact 240  
 gggtgcacaa catcacaaaa gcttgtccag acttattagc aagttaataa aaaactagac 300  
 ttctttctaa gtacttataa tttaggctgt ggggtagttc tgttatgata catttgtttt 360  
 aaaatattct gcttcttttt aaagttagtt gtatgtgtct ttgttgtagg gacgtgcaat 420  
 ttttgccagt ggcagtcctt ttgatccagt cactcttcca aatggacaga ccctatatcc 480  
 tggccaaggc aacaattcct atgtgttccc tggagtgtct cttggtgttg tggcgtgtgg 540  
 attgaggcag atcacagata atattttcct cactactgct gaggttatag ctcancaagg 600  
 tgtcaagata aacacttggg aagaagggtc ggctttatcc tccttttgaa taccattaag 660  
 agaagtttct nttgaaaatt gcagaaaaag aatgnngaaa gangccttac caagnan 717

<210> 1942  
 <211> 714  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(714)

<223> n = A,T,C or G

<400> 1942

ccccgntcga	ntcggcacga	ggttgaaggt	tcctaattct	ttcctcgggt	aactgtgaaa	60
ctctgnnnnn	nnggaaggcc	tggcctcagt	catcaggcca	ggagaggtag	tggacgccgc	120
gcacgcactc	gtctgccagc	gaggcccaaa	ggggaagcct	agcggagctc	agtgtggcag	180
ctgtggcct	ctgggccggt	tgtgcatcta	atcatccaaa	aaattcagct	caaaacctga	240
ctaaagatag	tactttaaaa	catgaaggct	tctattcaga	gaacttaact	gaatctagaa	300
aattcctgaa	aagtagggaa	aaacagtcca	gcctgaccga	aataaaagga	tctgtttatg	360
aaacaacata	cagtctcct	gaatgtccat	tctgtggaaa	aatagaggag	cacagtgaag	420
atatggaaac	tcatgtgaaa	acaaagcatg	ccaatctttt	agacattcca	ttggaagact	480
gtgatcaacc	actctatgat	tgtcctatgt	gtgggctcat	atgtacaaat	taccatattc	540
ttcaggaaca	tgttgacttg	catttggaag	aaaacagctt	ttcagcaagg	catggataga	600
gtccagtggg	ctggtgatct	acaattggct	cancagcttc	agccaggaag	aagacagaaa	660
gaggagatct	ggaagaatca	agacaggaaa	ttgaagaaat	tcagagcttg	caga	714

<210> 1943

<211> 718

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(718)

<223> n = A,T,C or G

<400> 1943

ccncgntcga	ntcggcacga	gccaaaaggc	ataaagataa	gtgagggatg	gagttcttga	60
agttgtgnnn	nngggnnaga	tttactttca	ggtattggca	aaaatcacag	ctggagtgca	120
gattaagcat	ggtaggaggg	tgggtattgg	agaaggaatg	gaggggaaaa	aggaaaaact	180
acaaatcatg	ttaaaactgt	cctcattgag	ttttacaagt	aataactagg	tcttatatac	240
cctttcctcc	taccgtggga	aaatatcact	aacttgtaat	aggattaaat	gaggcaatac	300
gtaagctttt	tagacatttt	ctttatagag	aacattatta	gaagttgttg	gcctggcgca	360
gtggctcgtg	cctgtaatcc	cagcactttg	ggaggctgag	gcaggcagat	cacctgaggt	420
caggagtcca	agaacagcct	ggccaacatg	gtgaaacccc	ttctttacta	aaaacacaaa	480
aaaattagtc	nggcttggtg	gcacaagcct	gtagtcccag	ctactcgggg	aggatgaggc	540
atgagaatcg	cttgaaccca	ggtggcagag	gttgacagtga	gccaaagatca	cggcctgcac	600
ttcacctggg	caacagaagc	gagantccat	ctaaaaaaaa	aaaaaaaaaa	aattcggccc	660
tttaaaaatt	ntagggagcc	gttttacgna	nanncccaac	cttganaaan	anacattg	718

<210> 1944

<211> 715

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(715)

<223> n = A,T,C or G

<400> 1944

ntcnantcgg	cacgagctga	ttgagaatag	tncgagatga	caccacttgg	gtaaaaggac	60
nnnnnnnagg	aactgagcac	tcgctgggac	actgtctgta	aactctctgt	ttccaaacaa	120
agccggcttg	agcaggcctt	aaaacaagcg	gaagtgtttc	gagacacagt	ccacatgctg	180
ttggagtggc	tttctgaagc	agagcaaacg	cttcgctttc	ggggagcact	tcctgatgac	240
acagaggccc	tgcagtctct	cattgacacc	cataaggaat	tcatgaagaa	agtagaagaa	300

```

aagcgagtgg acgttaactc agcagtagcc atgggagaag tcatacctggc tgtctgccac      360
cccgattgca tcacaacccat caaacactgg atcaccatca tccgagctcg cttcgaggag      420
gtcctgacat gggctaagca gcaccagcag cgtcttgaaa cggccttgtc agaactgggtg      480
gctaattgctg agctcctgga anaacttctg gcatggatcc agtgggcttg agaccaccct      540
cattcagccg ggatcangag ccaatcccgc agaacatttg acccgagtta aaagccctta      600
tcgcttgagc atcaagacat ttatggagga gatgactcgc aaacagcctg acgtggaccg      660
ggtcaccaag acatccaaaa gggaaaacat agagcctact ccgcgcctnt catan          715

```

<210> 1945

<211> 1006

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1006)

<223> n = A,T,C or G

<400> 1945

```

nctannanan atacnntna atnaantann atatcanttn aaacacnnnn atcnantatt      60
atctnatccc tananantan aaatttnngg gctntnttan ntaatcanat caaagggant      120
atnnantntt anancctaac ttntcntcan tntctnnnnn tgtantacga tttcctcann      180
ntnntntgaa aaaacnattt nngccaactg ctaanntact cantcgttac tgaaanacaac      240
nagtgtagca ataaatggct aatagttcca ttggnctgnt nttactcaag cannaantac      300
ancannngtn aaaacgnngc caacatanga tacctttctt ggaacnattt ttgnnnctna      360
taaggcnaaa agncttggtt cnaataaagn tntacnctn anttnattaa cttgctantt      420
antatgaaca nttcnatag aatnaaatcn aaanaanaat ctnatnnnta ttgatttctt      480
cngatanann cnatnttatt ncctttaatc tattgcctnn aanttcnct anntntncnc      540
anaagctgtc catgaattta tttcannncc acntaattna gggnnncacc nantaagcnt      600
tcntgatttn anaannattc nttgnntacn actgggttnat ttntnnaann aaaaatgtta      660
nnactntgtn tnatnaattn aaanacntnn tngctaaana agngnaacnt aanaantctt      720
aaaaaannnt tnccacttaa atnanttacn ttaataaant cttaaattggg aaagtnaata      780
atttcanaaa nctnatnttt ttttaaaacta tccttattta atntgnantt tnaaaangna      840
ttnaacttnt nacaanaana aaaaaanctn ganctntaan cgaatngttn cttttttctn      900
nngataaatt ntcgaanaaa atantnnaan ncnatantta aaangnnana tagnnaaaac      960
tnccataatn gttttectan aaacttaaaa aatantnant tntncn          1006

```

<210> 1946

<211> 701

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(701)

<223> n = A,T,C or G

<400> 1946

```

ggctctgccca aggtgtgatt ggaaaaattc aaaaaattgc aacctcaggc ataaatggnn      60
caaggacatc ccaagcccaa gtggtacgtg cctcactcag aactgacggg ccgagttcta      120
tctagggtgtg tcttcagaaa cctggtttacg gctaaactgga taactgagag acttgtcatt      180
tctaaaagaca ttttaagttgc tccagggatt tctgaaaaaa gacacaggct tcttcctaga      240
gccagcccta tataacatgc ccacaagggc aacagttatc acagttcata cacacctttc      300
atgtcctgtc tctactcact ctcacagcca tcctaggaga tacatattgt tttcatcctg      360
catttacaga aaaagaaatg aaaacagaga gcttaataaa tttgccacag taatgtcgaa      420
actaggcctt tgaaccaagg cagtctaggg taaaatatag tttcaaagta tgaataagaa      480

```

```

ttggtatttg tggtatcttt gagtaagaaa ctgtccgata tgaatcacaa cgtgggtgaa 540
tgtagtattt tcctgaagtg tgaagactt aaaaaaaaga atcacattgt tcagagggtgc 600
tcaatggaaa gaaaaggaaa tgaacaagtt tggtaaaagg ataaaaaata aaaaaattcc 660
atccttggtg nnnaaaaaat nctnnctct nnnnnncnanc n 701

```

&lt;210&gt; 1947

&lt;211&gt; 724

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(724)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1947

```

gacctcgtga tccacctgcc gcggcctccc aaannnnnnnt ctcactggca tgagccaccg 60
tgacctggcca gcaattagaa ttttaacact ggcagttatg aataatatga aggagaggta 120
gatttctgag tgattctggt ttaaccagct ggggtggatgg tggttcacag tattcagggtg 180
gcaaacagga aaaacatgtg ttcgaagaag aatggaggta ggtggtctct taagaatggt 240
taagaggctt gggagtcaga ctgcttggtt ttgcatccca gctttgccgt tttctggcta 300
tcaaaactgt cagctattat ttgttgagta cgtactatgt gatttatgac cacaggcagc 360
tgagcctcag tgttggtgcc tagtgtacaa gattgttaaa gaataaagtt attttgcaaa 420
gtgtaaccca ttttagcac tgacatagca ctgacagtag ctgctgatct cattatgggc 480
taaaataaga caatattcaa aggtcagaga tatcttacc agaactctggg tggaggctgg 540
gantttcang attttggttc caggaantta gacngaagga accccagang ggggncaggc 600
ctcaatttaa ggggtggaag gtngtggggg gtaagggaag gccaggacct tggntatnaa 660
anttatgttg gaaatcaatt gggccttttt aaanccaag ggggttttat tgtcacgggg 720
gatn 724

```

&lt;210&gt; 1948

&lt;211&gt; 1000

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1000)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1948

```

annnnnnnnnt nnnnnnnntn nttnnnnnna nnnnnntann nnnntacna natnantnta 60
nacnnnnnnnt ananntnnnn nnttnnnana tcnnnataa tatggggcan nannannttn 120
anannaccnt nnnnnggggn tntatcattn nnttgaaaa nccnatantn aatacntnag 180
gagnaattcn cagcangnat tgaagaaan gtancaggct gcacctntn ncanatcctt 240
ncgtgcnatc atctccangn antaattgaa agggccattc angaaacagc accaggnggc 300
tacaaattta cnggntncac tnggtgatnt gatctntca tncancacaa tggacanaaa 360
gtctaaggaa cgtccttggt gattcctttg gntcctgct tctntttaca gcctatggag 420
gtcttgcaag agcctgcana gcctccttgt acagctagga gggcctgggt gatnacangc 480
cctcagcacc ctctatggag gcctgctcct gtntcccatg ttctccccc cgctcctcat 540
cgaagaggct gggcttgnaa angggaccaa tcaatcctct tccaatgtgt ggntacgtgn 600
gacttcntcc gtgggcaaan tttnttcgcc agcntgggna naanttttgn antcccacct 660
tcccataact tgcttgngga actnngnggg cctgcncncc actttgtggg tctggcaaca 720
gnttgccaca ttacccttaa cngaattnaa cngngngnaa accacacnat tgccgaaaa 780
aanggccggg gaaaaaaccc ttggccaaaa caaacaattg gatggaaaac caagntnttt 840
ntngggcaat ctttacttcn tcaaaaaanat ncaaatcaat ncccggtgtg tgtggggggg 900

```

```

aaacntttga aactnanann cnttggtaat tttggccan aattccaanc naaaaaanaaa 960
ccctttcana aaanaacaan cttcanntat cttgttgggg 1000

```

```

<210> 1949
<211> 713
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(713)
<223> n = A,T,C or G

```

```

<400> 1949
ccncgaatcg tnttactctg gaaagtagta gcagcacttc aaggacatag gggttgctca 60
tgtcannnnn nncgnttgt attggaagaa tcataataac aaatatataa gttggtaaata 120
tactaggtaa acagggttgg ggattttttg ttatttttga gaatactttt tagtttgatt 180
ctttgaatga atttacataa cagctttcct gtcaagtcag taatttcacc catctttaaa 240
aaacaagtac caaaagagtt tcttaacacc atatactcct ctacgagctg ctgcctagtt 300
tctctcctcc acaacagagc tccttaaaag aatgcagttc cattttcttt tttccattct 360
ctcttgaatc cactcctcca gtgatggatg agattgcaaa tgtttgactc tgcctatcgt 420
attactcagt ctcggaaca tttctttatt tagcttctgg gataccattc tagcctggat 480
gtagtcctat cgttgtgatt actccagtct tcgatgctgt ttcttcttct tcaccctgac 540
ctcgggatga gataacaaat tgtaataaag taacttctct ttttaaaaaa aaaaaannnnn 600
nnnnnaaann nngannnnnn nnnnnntnnn nnnncnnnnn nnnnnnnnnn nnnnnnnnnn 660
nnnnntnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nncncctcnc ncn 713

```

```

<210> 1950
<211> 700
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(700)
<223> n = A,T,C or G

```

```

<400> 1950
ccncgntcga ntcggcacga ggcttgattg tggcttgaag tttgaaagga agtgccctgtt 60
tgnnnnnnna acaccaattg gactaacagc tgctctctgt attaaggcca tcttttagctt 120
gtcttgcaaa tactttcctt gttcactaat cccttctccc caccctgctt ccttttagacc 180
catgttaatc tattacctgg gagcagctct agattcttga gttggtaatg actaatctct 240
ccgttgctct catcctgttg agtttaatat gctctctttt ttcttactga tgttttcatg 300
atgagatttc taataagtta tttgggagct atcagaatag aaactaataa atattatcta 360
tctattagct gtcagaataa aagcttactg agggctctga actgtgaggc cactgaaggc 420
aggggttttg gtctgattta tctgtgtttg cctagagctt taacagagcc tgacacttgt 480
aactcttaaa aatatgcttt aaaataaatc taaactcagg catggtggct catgccagtg 540
atcccaacac tttggaaggc tgaggtggga ggaaggcctg ancctaggaa ctcaaggtga 600
gaagtgacta tgattgngtc actgcactcc acctgggtaa cagagtggag accctgctnt 660
tttanaaaaa ananannntn tnaaaaaaaa cccncccn 700

```

```

<210> 1951
<211> 710
<212> DNA
<213> Homo sapiens

```

<220>  
 <221> misc\_feature  
 <222> (1)...(710)  
 <223> n = A,T,C or G

<400> 1951  
 ccncgntcgn aancceaat caaagtgggtg atagtaaata tcattgcctt ggttctcacc 60  
 tcannnnncc cgtttcacca ttaagtgtga tatagcttag ttttttataa atacttggga 120  
 gtgaattttt aactgggtca tagaggattg ttggatttca gcaagtagaa atcagtggaa 180  
 attagtcttc cagacacagg gaagagacac tagtagtaaa acaaatgggtc tcctttggct 240  
 atagattaaa gggagatagt ggaacacaca ctttgtcat gataaccctg gctcaaagat 300  
 agaagattaa aaaaagtatt gatggggcca aatcatggag ataagacagt tgggaataac 360  
 tcttctttca gcgctaggag gagaatggag ccaacatcaa cagaattaga gaagtcac 420  
 agaaaagtta gttatgtgaa ggaatgcctc ttgtggcaat tttttaaaaa ttgcatttta 480  
 tgatttggaa ctccccgtc ttaaaataat tggctcttag aaatgttgta ctgctactta 540  
 gcagaaaatt cagggcaaaa gggtaaatgt gggatcatt tacatgttg angacattgt 600  
 atganaagtt tgaagaaatg tttggtataa aagataaatt taattctgct tctttggttc 660  
 tngacaatg ggaaatttgt ttaatatctt tgggncnttc ttttcaccan 710

<210> 1952  
 <211> 764  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(764)  
 <223> n = A,T,C or G

<400> 1952  
 ccncgntcct angtgctata aattcttctg acttgctgtg gctaatttat taatttaaaa 60  
 agtannnnna nncctttctta ggctccttg aatctagtca ctctagagat agaatacaca 120  
 atcttgcctt gatgttttta cttgcaactc acaatcttgt ttggtggtt agttgcaggt 180  
 tttagagatt agaccgtata tatctaaatg ctgggatcat gcctaataca caactaaata 240  
 tcaaagcact tctctttggc ctcttttcaa gctgaaggcc tgctgacca gggtgataag 300  
 atcactgctg atggacttca ggaggtgtt gagaccgat tctttggcca ttttatcctg 360  
 gtaaagaagc tgtgggttata ataagcta atttggtgtg ataagttcct gtaaagctct 420  
 gggcacaggc cattattata gttgagcagc cagttaactg atttaatctc atgtttgagt 480  
 tttcttgat tgcatttgcc ttgttaattg nggaaccatg gaaaaacttc tgggaagctt 540  
 tcctaagtaa ganttttttc tttttaataa aatgganctt aaataagttt tttggaattt 600  
 aacaggaaat taactggcca aaagaataag tacciaaan actttttttg gtnttgcccc 660  
 ctaccccccc angtttttcc cntaattaa ttaaacatt ttcncattg ggtatgnatg 720  
 ccattttggc cgaaaatagg atggaaatcc aatttcttgc tttn 764

<210> 1953  
 <211> 736  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(736)  
 <223> n = A,T,C or G

<400> 1953  
 ccncgntccc ccccgctct cccgggagcg tcgccccac ctgcacgcgt ctggcacaca 60



```

aacntnnnnn nntcccccta gtttctggaa gagaaaaagg aaaagccacc gagaggcctg      120
accctgaggg gtcgggggga gatgcgggcg cgtagtagag ggaagcgact gaggagcggg      180
gactgggcag catttgaatg gatgcggggtg ccgctggcac ccgggaagac gcctgggagc      240
cggcgtctgg gagccgggca tgggctggga tgtgtttgga ttccaatctg ggcctgacac      300
cagttcagtg acctcgggaa gttccccaac cctgcggggc tgtttcctnc ctctgaagtg      360
gcgacagtaa tagaaccgac ctcgtaggct catcgggagg tcctgatggg agaaccatg      420
caacttgcca ccacagagcc agggccgcgg cgactggctc ctggtgggta ttaaagacga      480
gtcgggaaag aagagcaggc tcaatcaaac cttcaattgg cccgaaaga cattttgatt      540
gaaaacctca ttgaaaaact tttgagccan aaaacccaac caactttnaa aaccccanna      600
tnccttgacc attcagccac ttgngtgnaa aaaaataaaa atgnttngtt ggttttaacc      660
ttggnnnana nggnntcg n nacttttna aanantntnn aaaaaaatnt tnnkanaana      720
ttttcttct ttttnn                                     736

```

<210> 1954

<211> 698

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(698)

<223> n = A,T,C or G

<400> 1954

```

gaagcttanc accttgatgc ctgacaatag aaactatcca aaataaggca cagnnngaaa      60
gtggaaaaaa aggcaaaaag gaaaacagag cacagataat gtgagacaag gtcagatagt      120
ctttatgtat gtgtaattgg agtccccagg agatgtgaga ggaaaaagag ttgaaacaat      180
catagacaaa atatttccac gtttgatgaa aactatatta gttgtgtatt gctacctaac      240
aagttattcc aaaaatttag tggcttaaac aaaacatcca ttatctccca gtttctctgc      300
gtggctcagc tgggccctct ggttcaggga ctcttcacac ggctgcaatc aaggtatcag      360
ctgaggctgc agtgatctca gggcttgact gagggagact gctttcaggc tcactcgtgg      420
ttattggcag gatttagttc cttgtgggtt gttggcctga cggcctcggc ttcttcattg      480
gctgttgccc agaggctgcc cacaattctg gatcacatag gcttctccgt agggcagctc      540
acaacatggc aagctaactt cattagaatg aacaagcaag aagcgccaaa aaaaaaaaaa      600
aaaaaaactc ccccttttaa aanatatagg ggngtccttt tncnnaaatc ccncttgaa      660
aanaacccct tgggggaatt tgggacaccc ccntnttn                                     698

```

<210> 1955

<211> 708

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(708)

<223> n = A,T,C or G

<400> 1955

```

gtagcacnnc nacagcacct tctcaagggt gaaaatccat ggagtttagt tactgttgat      60
ctgatggggc cttttcatatc aagcaacaga agtcatgtat atgctataat catgacagat      120
ttgttcacca aatggattgt gattttgcct ctatgtgatg tttcagcatc agaagtttct      180
aaagctatta tcaatatatt tttcttatat ggacctcttc agaaaataat aatggaccaa      240
agagatgaat tcattcaaca gatcaatatt gaactgtaca gattgtttgg cataaagcaa      300
attgtaattt ctcacacctc tggaaactgt aacccaacgg aaaggtcacc taacacaant      360
caaagcattt ctctccaaac actgtgctga ccaccaaca attggggatg gatcacctat      420
cagctgggtc atttgcttc aaatggtaac tcacttggga acctacttaa aaaataccac      480

```

```

catatcttttc caaaatgggt taagtccgaa aancccttat atggcctgga gannttttaag 540
aatagtcttt caatgaaagt nggaatgggn ggataaataa ccaanntatt ggttttngcc 600
aaaaaatttc taanaaggcc aattttaaag gaaacctgga taaaantaat ngggaaaaat 660
aannaacaac ctncnctg gggccanaa tgggaanaac aancaant 708

```

```

<210> 1956
<211> 707
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(707)
<223> n = A,T,C or G

```

```

<400> 1956
ccnncgtatc gccctgcana ttcttcttgg acatcattaa tggagattcc actgctgtgg 60
cattaancnn nnccaagact ttaaagccac agagatcata gagccttcca agcaggataa 120
gccactcata gaaaaattag cggagattta tgtcaactcc tccttctaca aagagacaaa 180
agctgaatta catcaacttt ccgggggttag agaagaagct cttcatacat gaatacatca 240
gcgataacta cagagtgtca tcttatttcc ttggaaaact gttatctgat ttattacca 300
tgaggatgtt accaagtatt atatttacct gtatagtgtta cttcatgtta ggattgaagc 360
caaaggcaga tgccttcttc gttatgatgt ttacccttat gatggtggct tattcagcca 420
gttccatggc actggccata gcagcaggtc agagtgtggt ttctgtagca acacttctca 480
tgaccatctg ttttgngttt atgatgattt tttcaggtct ggtggtcaat ctcaacaacca 540
ttgcatcttg gctgcatggc ttcagtactt cagcattcca cgatatggat ttaccggctt 600
tgcagcataa tgaatttttg ggacaaaact tctgccagg actcaatgca caggaaacaa 660
tccttgtaac tatgcacatg tactggcgaa naatatttgg taaacag 707

```

```

<210> 1957
<211> 697
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(697)
<223> n = A,T,C or G

```

```

<400> 1957
gagaaagtgg tgcaactgaa aatcctttca aacaacagct acaaaagaga ttggtcagtt 60
aggacaggaa tagaaagtgg aaacttagaa gactggctac tccttggtga tgattgctgg 120
ggtgagtctg tgctgagaac tttttacaaa ggtgtgctct tgctgatatg agaggggggt 180
gtcaaaacttt tgagtgatca ctgtgggtcc tcagcttaga catcttctct ggcccaagat 240
ggcaccctct gctctctttc catgggacac agggaccttg ccatccttcc atcttataag 300
ccttctgtca tgatttttac ttcaccttag ataaccttaa tttgggccag gtctccaggt 360
tcctccactt tcttctgtcc catccatacc cctcaccat cctctgtaaa ttccttttcc 420
aggattttac tggagaacca acagaagaaa acaggctggg gaataaacia acatggggga 480
ggttattgta agttaaacat acacttttga nnatccccct agnccatttt ncttgantaa 540
ttataagaaa taaaccnctn ggtaattnac nnggggttaat aaaggggtccc atggnagaaa 600
agccttttaa ttcctttttt ntgggaaan ccaaagaaaa anccaccctg ccccttccct 660
ttaagtccct aaangggggg ngaaaacttt tatgggg 697

```

```

<210> 1958
<211> 1101
<212> DNA

```

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1101)

<223> n = A,T,C or G

<400> 1958

ttttggantt	tggnnngctn	cgtgnaaacn	nttggaaaan	ccccgnnctt	tntggaangg	60
cacatnnngn	aanaattgga	gggnccggna	nncttttttn	attctccgtt	tttacccecc	120
ctgngncna	aggtanttna	angggaccct	ntttcaagat	cgagccttnn	ctnnntttnc	180
cngaannncc	ccaangagna	ntcangtnng	caananggtt	ntnccacaca	cnnactgggtc	240
nnngcngtna	nnngcnnnnc	ancananngn	ccttagcccc	tatccncngn	nnccccctnct	300
tnntncacna	ccgcnnnact	tnnganntcc	cnntcnggcn	gngcacacac	agtgaaangg	360
anaactagt	annacagccc	caggtgccct	tacntangan	nagantgaan	attantcnn	420
nntanncaan	aannaannct	ctggganngg	ngctgaaacn	tnanacnca	nccggngtnt	480
nganatngcc	cagaagaang	gnntcccna	acnngcaacn	acanaaan	aatggangnn	540
cntntcacnc	tantaaatag	gaaaatggcc	tattngctnt	tgggnccnc	tgatcnagna	600
antggnaact	naanccanc	tctctgggac	ggggaaaaaa	aancntctc	gtaaaaggga	660
gantccccat	ganacnatnt	ntctgnnaag	cntntcgac	aacntnaggn	gtagattagt	720
acaagacngg	gagatngnct	ctntncatgn	aacancntgg	ggnaanccat	gtncctntcc	780
tnggtgaacn	anagngnggg	ntagccncta	nntcagnann	ggtcgcncnn	cncanccggg	840
ggctccnaat	gncatgtggg	tnnccgntaa	ngtccggggn	ataatnncta	cactatacnt	900
ngtganatan	tctncntag	ntncagcttc	nnntacganc	catnactcaa	aanngccgct	960
ccccntncac	nnctangant	aaganggtat	ncnaganatc	natanntctg	actgggatnc	1020
gnntntcatn	gnatcttntn	agtaggnagg	nnmctatnat	atcngntacn	aatcccnat	1080
ntctnncann	tatggaganc	g				1101

<210> 1959

<211> 596

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(596)

<223> n = A,T,C or G

<400> 1959

acntattgga	acncttggtc	tttttgagg	atcccatccg	attcgcatgt	ggtgcacagg	60
tcggatggta	aatttcagat	ctttgcctat	ntagggaaag	ttcctgtggt	tgtgagttac	120
agacctgcca	ggggagtcct	gngncngtt	accctgtntt	tgggtgngctg	ctnttccnnn	180
tnnttgnnng	ntggggggcg	tncccccttt	gtgggggnat	gatgtctntt	nagatggctg	240
gctggctaca	ccgtgcacat	ttctgtctaa	gtgccttaag	agaggatcgc	caatccacat	300
gcttttcagg	gaaatctgtg	tgatagagaa	ctggtacagg	ctttttgtga	cgctcctctc	360
attatgacac	gtggtaaata	ttgaaccatg	agacagncat	tctgaaggag	tgtntancaa	420
cgaggngcaa	acttgccaac	gacacataat	gtgctgttcc	accccatgnc	agcctgtcaa	480
gatgtgtnaa	ncaacatnnc	tgngtgngat	tctgaaaaag	acttacctga	ctttgactgc	540
aacttgctac	caeggtctga	ctgntnnacc	tntnagnntt	tgacatggag	aggggn	596

<210> 1960

<211> 777

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1) ... (777)  
 <223> n = A,T,C or G

<400> 1960

nannccctntt	acaaactatt	gttctttttg	caggatccca	tncgattcga	attcggcacg	60
aggtcacttt	actctccatc	cggaccgctt	cctttctcgc	cgcgaggctc	ggggttgggg	120
ggggaccaga	ttggagccgc	gggctaactg	ggatccgtcc	catttccctg	ggcttgacgt	180
tctctgaatt	tttagctaat	gtggaaagt	acatttattt	gcatttggtt	atcgcttgct	240
cacataggtc	tgtgtcccga	agcttggcag	atgagcgaac	ttagccagca	cacccccggc	300
cgtgaagcag	ggaggtgaag	cggggagagc	aacgagcccc	acccgggtct	tgccagctgg	360
acgttcttgt	ggggcagcgt	tgagcagcgg	ttaggagtgc	cgtggacttt	ggattcaaac	420
agccccagct	cttctgcttg	ctagctgggt	gactttgggc	aaattaacat	ctcgaaaatc	480
tgtttctctca	ttcctaaaat	gcgggtctga	aagtgatcat	gcctgtaaag	ccatctcata	540
tccatggttc	tagaagcatg	gtgagcacct	caatttgaat	aatcagtgcc	atgcttttagc	600
tacctcttga	ctcactcgtt	tgtggcagga	aatgttccca	aattaatcag	agaattcaa	660
tgactaagag	gatgtaatag	tatatagcgc	aggcactgga	atcaacntct	gctgtgtgat	720
cttggacaag	ctgcttctgt	tccgtttctc	ttatctgggg	caataacctgt	ctgaann	777

<210> 1961  
 <211> 1016  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (1016)  
 <223> n = A,T,C or G

<400> 1961

ggnnnnnnnt	ttttnnnnn	nnnncgcnnt	ttaananntg	gggnaaaaaa	aanccccctt	60
ttttggccca	agaaacttnn	cnctgggtt	ttcttttttt	ttgggcccac	ggggnaaaacc	120
ccccnatccg	gggantttcc	ggaaaatttn	cggggccnac	cggaaaggnaa	acccatggga	180
accttcccac	tggttaagn	cccttgggn	actttttctt	tgggggggccc	tnccaggggc	240
gggaatnccc	ttcccccaac	cctttcaagg	cncttccctg	ggcctntag	nnnngggggg	300
ggnttncnng	gggncttggg	tgggcccacc	caacaaccct	ggggcntaaa	tttttgggn	360
tttttttttt	ttttngggng	gggagganan	ngggttttgc	nngngttggn	ccnngnttgg	420
nnntnnnnnt	nnntgggttg	ggggggnnnn	aattaaccgc	caggctctca	aagtgtctgg	480
attacanggc	atgagcccct	gcacttgccc	gacattcaat	ttttatgaat	aaaaactaca	540
ttggaaacta	aggnggtatg	gtttaaaatg	tgtcagcatt	tgnagaacga	tttacccttt	600
caaaagggga	gagcagggat	aattttactt	ttttgnttt	aaacaatcta	atactggtag	660
taacttttaa	aaaaatattc	ttaatagatt	ggctactatt	gcaggggtat	tatttgtatg	720
nctggctata	ttcattcagt	taatcangga	gctgaaatta	tgggaggtac	tatgtggagg	780
gagcagggca	tttttctgac	naaatgcttt	atgggtggaa	tacatttatg	aaagtaagtt	840
aatggttctt	ctgnccaaaa	tanggnagaa	gttcaaacc	atattttgga	gtctcgcac	900
aagaaataag	gggatggagn	ggccactggg	gaatataatg	cagaaatggg	cttaaggaaa	960
aaagaagaag	ggggaatgaa	atggtaagtt	tggcctngag	gcttatacac	tatggg	1016

<210> 1962  
 <211> 1259  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (1259)

<223> n = A,T,C or G

<400> 1962

anggggngnn	nnnnncnnnn	nttttttttt	tggnaaaaaa	aaaanccccc	cntttttttt	60
ggggaaaaaa	aaanaaaaaa	ccccnccgn	ncccttgng	ggtttttttt	tttgtttnat	120
nnnggggaaa	aaggcgcccc	anaatccccn	gcaaatttnc	ccccacanat	ttcttcggg	180
gggtttaanc	cnnngngng	ggggggggga	anaaaacttt	ngggtgtgn	ggnctttttc	240
aaanaaaaaa	ccnccggggn	gttntttttt	gttgngtnnc	cccccccttn	caaaaagggg	300
aacgcncnaa	aanctgngg	ngnggggaaa	aaancncgat	ngngngcgcc	ccccgnttg	360
nttttcccc	aatananggg	ggcncannaa	aaaccncaan	gcnnnggggn	aaaccntcna	420
cncaattggc	cgngnnaatt	ggtntctggg	ngtntntng	ggggcgana	acnagnnnt	480
tanttttttt	nnccaaaaa	aaatttcccc	aanngccaac	ctnctcttg	ggaacnnntn	540
antntnann	caacttcttt	gggtggaaan	ctttnnanaa	nnggttccgg	ggaggacat	600
ttggggnaaa	tggaaatnta	ccagccttgn	aacancattt	tctnnntng	ggccantctt	660
tcnntnnnc	aaaaccnccc	aatnctnnnc	ganttttnaa	aaccntgntg	ggcaaatcnn	720
cagtngaaaa	ggaaccntag	gttcgganta	ttaccacctt	caangttttt	aaaatnccca	780
aaatnaaccc	catttccctg	ggggttaaat	tataatccca	gggnccagga	atntttttac	840
tttttngcca	accgnaant	cnanntant	tcnagccagg	ncttctttta	acttatttaa	900
cccttcccaa	ggncnanggg	angcctggn	ggtggttnt	gggacttnt	ttttnaacna	960
aagggccttg	tngccccccc	tggatngntt	nttattncg	ggaanccang	gggttaattaa	1020
aaancngaaa	ttggattaaa	aaatggntng	gtctcctttt	gggcttggn	aattgccna	1080
ncaccncaan	ggngggggcc	anttttntt	gntcaantt	tcccttcaag	agaaaaattt	1140
ggacctncca	aaaacnagnc	gtttnaaatt	tttttgcnaa	ngaaacnaaa	aannnccatt	1200
gaangccttt	gggnctccta	cnnacnnact	accannntgg	ggaagggttac	ccttttngg	1259

<210> 1963

<211> 1088

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1088)

<223> n = A,T,C or G

<400> 1963

gngcacgaaa	angganacga	ggggcgngng	nnnagaagga	ggnggggaan	gcngcnngn	60
ggaggggagg	aggngggggn	gncngangnn	gcnnnnnnnn	ngagntggaa	ccgtaagcna	120
acncgngcnn	ntgnaggagg	ncnccnaacg	cgccccnngn	cggnanggag	gggccaagcn	180
naaanacnta	ggaaggtttn	tttngtncnc	anaaangaan	ggcngnngna	aagggggggg	240
gtgtatngcc	ccaaancnta	agggagaagg	ccttnaggaa	aggggagaga	ngnngncaat	300
gancaagaaa	ggnnccgcnc	cnanaagccc	gagggannan	agggggggaa	aaaaagantn	360
nnggacaggg	nangacaggg	ggnaaanaan	naaaggngag	gaaaannncc	nancntgggn	420
ggcnttcnaa	gannggtggn	nacccttang	nctggaaggg	gcctncanac	ttggnnngnc	480
ntcccaactg	gnaangcnan	ggnaanncca	ccngtnccna	naaanaaccn	ggangngcgg	540
gtggcccnna	nnnnnncnng	ncagnggaga	gccacaannc	taanngggga	acnaagggaa	600
nanntcggca	ctgtctgtgg	nnggganggn	ggaaantncc	nntgggacag	ngggagggnc	660
cccncaattc	nnaanagggc	nggggnccan	aaaaaaaaag	gtnnngcntn	ggagancaac	720
aaantgggcc	atcaccancc	cngggaaaga	ccccanccna	gncnngggga	aaggcacnaa	780
agnaagggan	ggaatgccct	anggagggcc	cangnangta	cccaaaaact	naggccnggg	840
ggcnaataat	ngagggggag	aaccccccca	nannncttcc	aagttnnaagn	aaaaaaagaa	900
nnngcnntcn	aantcccaan	ganggggcga	ccagagaaaa	tttggccna	gancttcacc	960
ggagaaaacan	cgggggaaaaa	ncggggntgc	gggnanaaag	aagttaaaaa	acnaacaggg	1020
gnnnggggcn	cggggggggga	nnacaccata	nantgccggg	ncnanaaggg	gagggcaagg	1080
gcnaagggg						1088

<210> 1964  
 <211> 762  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(762)  
 <223> n = A,T,C or G

<400> 1964  
 attctatcct ttaactcttg tctttttgca ggatccctcg attcnattng ggcnnnggat 60  
 gcccgggcct tttggggggc cttttngncc ttttngttan annnnncccg gggggggggg 120  
 nantgnaggg ttccctnnggg ggccctntnt cctttctaan ttntnntgaa nnccttgnaa 180  
 angccaaaan tcacagggtt anaaangact tggnttgntt tgcggcccag tccacccaac 240  
 ntgccttttt ttttganaaa cagttgaagc ctttaacaaa ctcttgcttg aaggcagaaa 300  
 gtccacntgt ntcccccaa ccatggnnnn cncctattgt tgatgccnnt tgtgacgtta 360  
 ttggagcgcc agcttgatgat ttttgaagga accgacatgt tgggaaaaaa ccnaccagaa 420  
 gctgtgaaaa ttcattgctga accttttggc aacagcgccg attcatggcc gaggcttgca 480  
 gacacttacc ggattgaatg ctgagaggat cctggcaggt tttcaacca natgaagaaa 540  
 tgaattgaaa atctgcaaga attgaattca aaatgcgatt gctattgggg cagcaaangg 600  
 tgccccaagt tcaattcaga cnagangaga tnttgagaaa attcaaccg gatttttaac 660  
 tggccctttt cccgtnaaat tgggaacctt ncttctgtt aaagcaaggc cagaagcttt 720  
 nantaacttt tccaaaanna aaccttttna naaatntntt tt 762

<210> 1965  
 <211> 714  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(714)  
 <223> n = A,T,C or G

<400> 1965  
 ncnntcnant cggcgcggtg agtggtgaga ctgccttggg cgggttaccg ggcattgactc 60  
 ttcnnnnncc ccnagaccc ccccttcccc ccgaactcct ccagcccga gagttctatc 120  
 tccaggtgga ccgcttcagc ctgctgcccc cggagcagcc ccggctacgg gtgcttgggt 180  
 ggtaagtgat gcctccgccc aggagccctg ctctgtctgg gtgagcatag cccctctgca 240  
 gctggagggt agaacaagga agcctgaggt agagctggga gggagcatgg gtagccttgg 300  
 atgggggttg ggtccttgtt agctcttccc cagacacccat acccctttca ggaaccccca 360  
 aagaggcatc gtgatggtc tgccttccag tatgagtatg agccaccctg cacgtccctc 420  
 tgtgctcggg tccaagctgc caggcttcct cccagctca tggcctgggc cttgactttt 480  
 ctgatggatg cacagccagg gtctgagcca actccgatgt gagacgtcac gcaggacaga 540  
 taccgctcca cactctgctt tctttgagtt tttttaataa aaataatctc atgcggccna 600  
 nnaaaaaatn naaannntt tnatnnnaaa nnnaaanccc tttnaaannt naggggggng 660  
 nttttttccg tcaccccccn natntaaaaa anncttttgg ggggtgtggg nnnn 714

<210> 1966  
 <211> 691  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature

&lt;222&gt; (1) ... (691)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1966

gaggetccag	acagctcttc	tgtctttcac	caggtccaaa	caccagcann	nnnctcccat	60
gaaatatccc	ctttattcca	tctcaaatec	ttacctatca	actccttgcc	cagagaacct	120
ggaataacat	atttacttct	agtccttttc	aatgcatttt	ccccttgga	gaggtgaggg	180
ggtggtgtgt	gtgtgtacat	gaaagaaaat	cagacagatt	gaccatcttt	gacgtaact	240
caaagggata	aatagatata	gttaaccgat	aaaaaaacaa	caggtgaaac	catgatattt	300
catgtcttga	ccagattata	agcactctta	ggataaaagc	aaggtgataa	cccactttgt	360
tcatggtgta	ttgaagtatc	tttcttagtg	gacactccca	tttcaccccc	tctcatcacc	420
tgttctgaaa	tacatgctgg	gaagttgaca	aacaagattc	tggttaattg	gagaagacag	480
cggttcaaat	aaaggagaaa	atttctctgt	anttctggga	aaactgaaa	tattcagtag	540
ataagccaaa	tggtcaattt	catgttgctc	ttatagttat	aggtattcta	agaaacccat	600
attaatccat	cagaaaattc	aacatcaagt	ttatcaacct	gtttaattaa	tcaaccttat	660
cattcaatgg	nacatcacct	gagatagtaa	a			691

&lt;210&gt; 1967

&lt;211&gt; 972

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (972)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1967

tnnacgnnan	tnntnatnnc	ahnnanntnt	nnnnatnnnn	nnnnnnntan	nnntgtnann	60
nnntantntan	ntnnatctnn	ntnatcnntn	nattnnannc	ntnntctcac	tatanccann	120
ggnggtnnat	ntanntatat	anaaacnnnt	attggggaan	ttntctcttt	atnantcccn	180
nctcnaaaant	cnnangaccn	nanntannan	tntgtntaac	aactacatag	gnancnnact	240
nacgngnnnc	aatccntnna	natcangncn	gncncaccac	tgncncttgt	acaacctttg	300
cagtnntncc	cggtatgtgg	tatgtgtctc	ccgccnatga	ttgggcnnct	ggtcaggctg	360
gnatatncaa	atancaccca	ttggnnatnt	gctngacccc	tggaagggna	anccaggaaa	420
ngaaactcac	ggncnnttgt	gatcatatgt	tentncnant	tggaagact	aatcttggat	480
atgnccaaat	atntccnang	attcntctgt	cnaaattatn	cctngggatc	tgacccattt	540
cctgnaaaaag	gggcgagcct	gggttttgaa	gttcaaacta	gagtttnaat	ncacatnatt	600
tnncncta	nccactgtaa	cnnctgngna	cettcatnct	ctgaagcmtt	nanntncttn	660
gttgtgnaaa	gcctgctaac	tactcgatna	ntantggnac	atanaangcc	ncnngganga	720
gnnttttntct	ntgagtcagc	tttggnttnn	tgaacanctt	tcanttnngc	nattcncttn	780
aaacgtttat	ggcgctnann	antttcatna	aanttatatg	ggccaanncn	cnagtgnnt	840
nacaaccttg	taatncncna	atcanttatn	gtgaaggnc	naaaacngnc	ttgantcaaa	900
cttnggggnt	ngnaaaactt	gnaaaaantn	nntntaacct	aactnntgag	taaacctttt	960
tnntnttnat	nn					972

&lt;210&gt; 1968

&lt;211&gt; 685

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (685)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1968

gtggctcgcg	cctgtaatcc	cagcactttg	gtaggctgag	gccaggagtt	tgagaccagc	60
ctgggcaaca	tggtgaaacc	ctgtccttac	aaaaaagtta	aaaattagcc	gggatgtgat	120
accttggtgc	tgtggtccca	gctacgtggg	aagctgcggt	ggaaggattg	cttgagcctg	180
ggagatcgaa	gcttcagtga	accgtaattg	caccactccc	ttccaggctg	gaggacagag	240
caagaccccg	tctctgaaaa	taaaaaagg	cctgcttttag	gtggctcaca	cttctaattct	300
caacactttg	ggaggctaag	caagaaaact	gcttgaacgc	angagtccac	gatcagcctg	360
ggcaacatag	tgagacccca	tctccacaaa	aattaaaaaa	tcagnctggc	atgggtggccc	420
acgcctgtat	gagggtgagg	gggaggattg	actgaanccc	agggangntt	gaggctatat	480
gtgaacctntg	ttcacaccan	ttgcactttc	canccttggg	caaacaganc	cgaagaacct	540
gtcttgaaaa	caaaaaaaaa	aaagcanttc	ccgntgggaa	nggaaattng	cnttcannaa	600
aagnaaaaga	ccgtcgggga	agaatccana	tgggtttggt	aaaagaaaaa	aatgtggncn	660
nncanngtta	cnnnnaaacc	tangg				685

&lt;210&gt; 1969

&lt;211&gt; 1376

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (1376)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1969

acnacnacn	aaatcntcta	anaacttaacn	aanatcnttn	aaatctntac	anaannnant	60
ttatntaant	tctanacat	taacactana	ttacnaaatt	tcnaaaacnc	tctctctata	120
nanaatnatt	ttaanntttn	tanttccaan	ngggggtatt	cnaccatcta	aatntctaan	180
tnantatcat	attcgggggg	ncaaaaaaat	aattatcttn	actaanacac	acctatantt	240
atanaaatct	ntnacannnc	natnacnct	anacnntcat	aacnnattct	atatacatat	300
acantantca	atntaatacn	tacattaatn	atnnttncnc	nttacnttca	aanntattta	360
nnactttaaa	tanncatcat	cantactcac	ncnttctact	cattctanac	natctanncc	420
nnctttaaat	natttattnn	ncttaccatt	ntatataant	ntnttnannn	natntattaa	480
tanctattta	tntnnacaaa	aanaatctct	atttanannt	taaatnattn	gntattanac	540
ttnantcnna	aancnctttt	ttnttattta	anctaaacnc	anncncttcn	tatncattna	600
taatatnnat	cnancctctn	ncacaatata	aatatncttt	tacannntat	tnatatntan	660
nttatnantt	taatcnnnnn	tctntcnttn	tacnancac	nananactnc	attcttaact	720
ntancactat	tatntattat	caatntanan	tnctcanana	tacaatnatn	nttattnaca	780
tanctaanta	aatnataaca	aantcatata	tnttatatct	ncatcttaaa	anccccctant	840
actctatata	atncttgtct	ncatntatac	tttamtctca	tcnctcataa	tgcaanatct	900
ctatattatn	tntatatata	cntctaccct	actatangct	tacnatattc	ntantatnta	960
ttnttatant	acttaantct	angtacatat	ctctatatac	nnccatnna	tatatactct	1020
catcaattac	tcactcttact	ntatatcnca	tntntataaa	aaactcacat	attacnctct	1080
tccnctatat	atananatat	atcctcgtct	atcatanata	tctattanct	acctttacct	1140
tncatatnan	cctctcatct	ctcnncntnt	aacntanact	atcngccata	nttttatant	1200
nnaaaaacta	aatacactat	tcaaatttat	nattnanact	acttatatac	tattacctac	1260
tntnaacact	ttnnacacct	ctacatntat	ntaaattcaa	tataccctat	acnantatat	1320
acttatcnnc	tcaacttatn	ttntcttact	atntntcact	tncaaacant	ttttnc	1376

&lt;210&gt; 1970

&lt;211&gt; 618

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature



<222> (1)...(618)  
 <223> n = A,T,C or G

<400> 1970

agnnnnnnnaa	tatttgaaaa	gagtaattgg	tttggaagga	gacaaaatcc	tcaccactag	60
tccatcagat	ttctttaaaa	gccatagtta	tactatagtg	ataaaaacct	gtgctacaca	120
tccattttctc	agcaacggct	cctaggataa	tcaatcatgg	catactgcta	atgccttgat	180
tgcagctgat	atggaggaaa	tatgtttact	cttttgctaa	agtgaagttc	actgcggagg	240
tgccaatggg	tcatgtttgg	ttagaagggt	acaatctaca	gaattctaca	gattccaggt	300
gctatggacc	tattccatat	ggactaataa	gaggacgaat	cttctttaag	atttggcctc	360
tgagtgattt	tggattttta	cgtgccagcc	ctaattggcca	cagattttct	gatgattagt	420
aagcatttat	tcttttgact	tgattattgn	ctccttttca	tgtgaattta	ttactcccgt	480
tgaaaccgtg	tacttaccaa	taaactattt	gctnttcena	anaaannann	nnnnnnnnnn	540
nnnnnnnaan	nnaaaaannn	nnnnnnnnnn	nnnnnnnggn	nnnnncccc	ccccccccct	600
taaaaaangg	gggngtn					618

<210> 1971  
 <211> 796  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(796)  
 <223> n = A,T,C or G

<400> 1971

ntgttcgaat	tctgnacnaa	gaattcaagn	cagcacgtat	gtagcagatg	atganntcta	60
anctggatga	tacntaatga	ngtcagattt	gnaatctaac	ttngnggctg	tgnttagggg	120
gcaaggagna	cttccangac	ctatactcna	ggcgccctgg	gtnnantaan	gnaaacnnnc	180
tncntaaggn	tggccccac	gtggggaggt	ggagttncng	aattattctg	tgcgctaccg	240
gccgggccta	gacctgtgct	gagagactga	gtctgcatgt	gcaccgggtg	caanaanggg	300
gnngatcgtg	gccncacntg	gngctgcaag	tcttccatga	cccttttgct	tgttccgcat	360
cctggaggcg	gcaaaagggt	gaaatccgca	ttgatggcct	caatgtggca	gacattcggg	420
cctccattga	cctgcgctcc	tcantgacc	attcatcccg	caggaccccc	atccntgttt	480
ctcgggggga	ccccttgccg	ccattgaaac	cttgggaacc	cttttggcag	cnttcttcag	540
aagggaagga	acanttttgg	gtgggggctt	tttggganen	ttntcccc	accctngcca	600
ccaaccgttt	ttgttgaang	ccttccccaa	acccggggca	aaggccccctg	gggatncttt	660
tcccaaatg	gccttcaaaa	aaangggccc	gggggggaag	naaatncttt	caaaccgttn	720
gggggnccca	aaaaaggcca	ancnttccgt	gggtggccct	tgggccccc	anacccttt	780
gttttcccca	aaanaa					796

<210> 1972  
 <211> 681  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(681)  
 <223> n = A,T,C or G

<400> 1972

ttatcgaata	agacacgagg	gaggatgttg	ncannnncta	ntcgggaggc	tgacgcagga	60
gaatcgcttg	aacctgggag	gcagaggttg	cagtgaagctg	agaccatgcc	actgtactcc	120
agcctgggca	atagagcgag	attctgtctc	ccaaaaaac	aaaaaacaac	aacaaaactt	180

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gctaccaccc agggattttc tgctatttaa aagggtgaatt tcttttctgg tactaaactg      240
tagctgctta acttagtaaa ggctgtgttt ggccaggcct gtgccagagg ctcacctgga      300
gtgctccacc cactggcagg caagtcctat tcctattcac ccaggatccc caaggctggg      360
ctgggatata aatgttggga taggaaagaa atatttcctt tttagaggaa agcaagaaga      420
aacattgcct gaaaggtgat tttctagtca tttccaatta gtacagaaat gttactgcct      480
ctgggtgcag tggttcacgc ctgtaatccc agcactgtgg gcggatcact tgagcccagg      540
agtttttgaga accaacctgg gccaaagatgg cgagacccca tctttcaaaa aaaattttaa      600
aattacctgg ggcatgggg gcacacacct ttattctcaa cttcttcagg tggctgaggt      660
gggaaggatn cctttgacct t

```

<210> 1973  
 <211> 666  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(666)  
 <223> n = A,T,C or G

```

<400> 1973
tttcattcgc acgaggcaga ctccggttaa aagcggttaa tgcaacattc agagtga      60
accagacaa gagatttact gaccttaagc actatagtga tgaactgcag tctgtcatct      120
cacatcttct tcgagtcaga gctagagtag cagatcgact ctatgggtgta tataaagtac      180
atgggaatta tggctcagtt ttcagtgaat ggagtgccat agaaaaagaa atgggtgatg      240
gactgcagag tgctgggtcat catatggatg tgtatgcac ttctattgat gatattttgg      300
aagatgaaga acattatgca gatcagttaa aagagtatct tttttatgca gaagcattgc      360
gggctgtgtg caggaaacat gaacttatgc agtatgactt ggagatggct gctcaggact      420
tagcatccaa gaacagcagt gtgaggaact ggtaactggg actgtgagaa cattctcttt      480
gaaggggaatg actaccaagc tctttgggtca agaaactcca gagcagagag aaccagaata      540
aagggtgctag aagaacaaat aaatgaagga gaacaacagc taaagtctaa aaatctggan      600
gcagagaatt tgtgaaaaac gcattgggctg atattgaacg cttcaaagaa caaagaacc      660
cgagac

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<210> 1974  
 <211> 671  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(671)  
 <223> n = A,T,C or G

```

<400> 1974
tttcgatncc cagcagggttc tcccttatct gatgctcact gtggccttgg gcagcctggc      60
atcgagaatt ctcagcatgt tcaactctga gttctgtgcc tgcacacac agcaatggaa      120
cagtcccaaa agattcttaa ggggtggggaa aggcactaag aaaagatgaa cctgcagtcc      180
ctgttatacc atctggtcta attgatacta ctgttgtcaa gcaaaaaggag ctctctccct      240
gaggcactgg aagccaatat tttgacacca ggtttttgag aaagaaaagt tttttattgt      300
aagttgactc acaagatgag tcaagctcaa atctgtctcc ctgtgctggt ttttaaggcag      360
taatttaatt ataaaacgtt taggaggtgg attctgggggt tctcaggtga taggtagaag      420
gaaaggagag gtctggaaag tcttcaggca tgcacagttc tcttcatgct tcctcatgca      480
tcatgcgcac atttagtggg agtttgaaac atggtgagga aattcangct gtgacatcag      540
catgcttggt ctgtgcaaac tccatttggc catattgggt tcaaccaatt ttggccagtt      600
ttgtagangg agttttgagc atttcaagaa agttatttct tatctgctgg tctgnaaatc      660

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ataatctttg n

671

<210> 1975  
 <211> 668  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(668)  
 <223> n = A,T,C or G

<400> 1975  
 ntncgaaatcg nacgaggtat taaataagat gtcttttaaac agaaacacac atatatgtat 60  
 tgattgatta atgaggctct caggaacctg actctgtgtt tcccctagga gcagtgtttc 120  
 agtattcact aatcgagtgt tcatggtgac tttatagaac cactgcaaat agtgagaatt 180  
 aactatacat atatgtttct gtgtgtacgc acatgtgtgt gtatgcatac ttgtctctaa 240  
 acatatggga ttatactctg ctgctgtttt gctctttatg tcattatgta tactatataa 300  
 gtatatTTTT acattataat atgtgctata tattaataaa ttttttttaa tgtattaata 360  
 tctgctctta ctgagagagt tttcagcctg ctgaatagtc agttttacag tactagctaa 420  
 accttctttt cttttttttt tgagatggag tctcactctg tnttccaggc tggagtgcag 480  
 tgggtgtgatc ttggctcact gcagcctccg cctcccgagt tcaaacaatt ctccctgcctc 540  
 agcctcccta cagctgggat nacaggcgcg tgccaccacg cccagctaatt ttttgnactt 600  
 ttagtaaaan atgngtctt accatgttgg ccaggctgnt cttgaactcc tgaccttggn 660  
 ganccanc 668

<210> 1976  
 <211> 834  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(834)  
 <223> n = A,T,C or G

<400> 1976  
 ccctnnncgt nnnntnctta tgcgtaaant ggtngntctn ttnaccenat tgnnaatnag 60  
 ncntttctnt tcnctnctn cntctnctn natatnnatg nctgtcgtgt cttnataant 120  
 atnttataat acnnaannt gtntcggtgn ctcttgacca tgacttccct gncggttcag 180  
 ctntntnctn tgntgaaatg ggaanagacg ctctncaaa gtcaataana gangctatgg 240  
 tgaaatgtaa aaattcacia ttctactttg tttcactgag ngcccaatca acgattcata 300  
 cagttgagat gaattgtgaca aaactcttta tagataaata tatatgccta agtttatcta 360  
 tatatatatg tctttgtgtg tatatacata cacagatata tgcaaagaca taaataatct 420  
 tccttacaaa acatcaatag atcattttca cagggataa gagagtacac acatagcctc 480  
 ctatgttggc tctgagacat ctaaaaagca agacagagag cattaatctt ccattcaaaa 540  
 atatatccct atagaaaact ttttgagta tattgtctct tgggtcaata tatagcctag 600  
 tcaaaaactta tttatatgtg ctattaaaat ggcaaagggt ttttgttttt ttttcccttc 660  
 cctacaaatc gagttgacat tttatcagca tatcaaaagc ctgtttaagg ttaatattnn 720  
 gnctaaagca nttaaattaa aaaaagcagc ccaaaccat ggagacttaa agatttncaa 780  
 tgtntttanc ctcttggtt nagcacatnc natagaggga cttgttgggc tttg 834

<210> 1977  
 <211> 1366  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1366)  
 <223> n = A,T,C or G

<400> 1977

atttactgat	tttcggaaaa	attttcccg	tttngggcgt	tggtnacnga	acntttggnt	60
ctntgggccc	aaanattaag	ccccccaat	tntttttgc	ggcgcnactt	tgcttggcna	120
ccttntgnaa	agagnncncg	gaaancgaat	nttcacatca	agagtatat	tatnnntnaa	180
anntntaatc	tatnngttat	annntatgat	ataaatgggg	gggggggtgat	atttttnnaa	240
gatgnagtgn	tcatannata	ctgctctatg	agtttnttaa	tatatatcga	tannaanata	300
tntgatgnta	tataaangcn	atnntnnact	anaaanatac	nanacnntng	tnanantatt	360
tgtantagcg	aanttnatga	nttagttnac	ngncgnat	ntncatatnt	cgncnataat	420
naannacata	natntcatnt	naacattcgt	tactatgatn	gtatatatnn	ttgtaagact	480
natntanntg	anannntncc	nanttctnta	gtttgtgata	nattnantnt	anngatctan	540
ntcgtttntn	tatacatagn	nanacnancg	tgaangacna	nnntannnta	cgantacnnt	600
aattatatna	ntatcngatn	tatcnttgac	ntnnnnnatat	acncnatcga	acanagtatn	660
nagtatatat	ctcaannntt	annattntan	gacagtgtaa	ccgctntnac	aactntaacn	720
ctngtacatn	atntntttaa	atcttngntg	gtntntnana	actntctnat	annntacgca	780
ncatactgag	tntatgtgta	atntantnta	cttncctngta	natgataana	tagtatnacc	840
annnanaatc	ttncanatta	atctctcnat	gtngatanac	gcntatactc	ggnttgcgcg	900
tatnnataac	nactacttat	aacgcnnaca	ttatatattc	gaanntcncn	nananataan	960
tancannctc	gtntcncnt	naantanatt	ngnnatnnnc	aatacanann	nggagncnna	1020
nnaattatga	cnaannntnn	nncnagtngt	aatagtcnat	actncttnta	atnntacnnc	1080
aacnncgatt	attnaacnta	nngttanttn	atacannnaa	aaaannttcc	ntaanctana	1140
anagnnnaaa	anctgnnnncn	gaatatnnan	nnatnannna	nnaannntnt	gntaanaant	1200
nnatataant	tnactnatan	nnnannaana	tnganatnaa	atgacnctg	annnaattga	1260
tagtcatata	tctanannt	gtantgaatn	aantgtaata	cnngnatgat	nnggcnaana	1320
ctnnantann	annnnanagc	ngagananat	ncngnataan	tnccng		1366

<210> 1978  
 <211> 1369  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1369)  
 <223> n = A,T,C or G

<400> 1978

ncgagganat	attncggccc	gnggtccgag	gcccgatggt	gggggnnttg	ggnggtcctt	60
nttggnttgg	gngaattggn	cccgngggac	accctccnca	tcncccaat	taaccggant	120
ncccccaaat	cttaccatt	gggnggaaaa	gacccccccc	aannggant	cnactnaaaa	180
aaatatcgct	antgctcagn	caaatccact	gnnnananag	atnaagcgng	nataaanatca	240
cctcatttct	gngggggggg	nnncctatnt	agtgtgaaaa	cacatnctt	cncatcagta	300
cccactcanc	antanancan	tgtngacaan	caagacgtcg	aantnatann	gtnaaaanaa	360
atcnaaanaa	aantaaaaa	cnaanctcac	cnnnanantg	gtaanaatct	atnatatacc	420
atnctctntn	tatttatatna	tntannnatc	tannaanac	naccntana	ntannctgan	480
ntatnaaaat	nnnaatatnc	aattanangg	naaangcatt	anattnaata	tcncannata	540
nanaatnata	acnnngctaa	aaatctatcn	gacannatgt	ctanaatctn	attannctta	600
aaactagntc	ncatnttaca	tnntctcant	ntgtactata	nganatnata	gtannatna	660
canccttnat	acancaaata	nantatctaa	ntaanatanac	caataataan	nantntncan	720
natgcnaaaa	tatacgnnca	gagnacatct	tanantnctt	atccattntt	canatcanac	780
ananaccnta	tcnactatcn	ncannctcta	naccacacat	antacgtcta	taaacacnat	840
nncacantnt	attcaanac	nctgtnnnan	atttatnnac	anacntnttt	tcatatacnc	900

taatngaata	nancanaaat	ntaatgtaat	ntatatnaac	aaacagancn	cgtnagatc	960
ncactacttt	cagtgnntta	aagcttnnat	atannatcag	ataaatacgc	tcatcactat	1020
aatatnnaaa	naaaatatca	cncacgtnta	tancaataaa	cttnnnnatt	caaaatatcg	1080
nacgcnnttc	ttctctatta	tatnnaaanc	atancatnta	ntananacta	tatntancaa	1140
tantcatana	ntntnatann	gatanatata	gcaatacatg	tnaacnagca	natcgngnaa	1200
tatnncaaca	ntncaatata	taatatattn	caatcnatna	gtnaacnant	attnaacgca	1260
annaanatag	aantaancna	ntaacgatnc	aanaanngtg	tattnataaa	aattnctata	1320
tataaacnta	gnnnccctan	natgcctnct	ntacactac	catcnnacg		1369

&lt;210&gt; 1979

&lt;211&gt; 1382

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (1382)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1979

nttnnttcgc	tcccctaaat	cccattcccc	acccttggtt	aaggnaaatc	nnctcatttt	60
tcatnctttt	tcccaggtt	ctttnagatg	tgcacaaaat	caacccacnt	ntggntctnt	120
acttaatecn	gaaaaactat	cttctgtca	aacgtntatn	cccggggngg	ggcggnnatn	180
ttttccacna	catnacatnt	actatgnana	tcancgcgtc	anannnccac	gtntcaanat	240
gcnctgtaac	tnngctctnn	cgcnctancn	ncacnccctn	ncacnatcgn	cacatcgcca	300
ctcgaanctc	tagncncncc	ctnnncntc	gcnanntnnc	gtccnecgntc	nnnnancgnn	360
nnccctcncn	ttcgngcgan	antcttnccc	ccncttttct	ccgtatnacn	gccnecgtcgc	420
annagnancc	gtncnecgnt	gacctnannn	tctccangca	gntccnccnc	nnnttgccnn	480
tgccccnnnn	cgancnngnn	tcggnatctt	anntcattnc	nncccntagc	tnnnncnecgc	540
ttcgtgnnnn	nnnecgttnc	nntcnattnn	cnatnacncc	ntnccnctc	nttatnctnt	600
tncatgcctc	acnecgtncn	netcnctnt	cntegtnatc	acnecgtncac	tcnnngannct	660
caccgcnact	cggngctnan	accagcggnn	ncgttncnna	taegcatnct	cctccntnac	720
natcatecnc	nncccttcg	cgtngcaag	tnccgncatc	ttncacngnn	ctcanntcat	780
gcgtctnnan	anaactnccg	cnnntccccg	cctctctntc	ntcatctctc	annaatgcgc	840
nnrtgcattc	ncnccnctcc	tctgatcgcc	acagctctnan	nnntcngant	ntcgtntctnt	900
tatnctnattg	cgtegcatac	nnnnanagtc	cgncacact	ncgcacnact	ncnctctnct	960
ntccacgncn	gctncanatn	cncncnntnn	anctgctnnn	ntcttatctt	acnnncnecga	1020
ctccatcnca	cncgttcgtc	acgtctncaa	tctannectc	cncnctntcc	nacncacacc	1080
ncgtctcngn	ntcnctcac	ncngcaecten	caennccgnc	nnatcacgcn	cnategccat	1140
ntccgtanac	ancnctntcn	cangnttnct	tctctnctc	ctnccgccngg	ntaccnctat	1200
ncnncatacn	ntnaactnct	ntnccaccan	ncannccncc	gntctcctng	cnnatcanct	1260
ncntngtgcn	ccgnnncnct	tccnccnctn	ntcattncan	ncnctacctg	ccgnanttcg	1320
gcaaatnttt	cnnntncacc	aaantgctcg	catcgacnnc	gcancccacn	cngcnntatc	1380
cg						1382

&lt;210&gt; 1980

&lt;211&gt; 1431

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (1431)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1980

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nnntnecnan gcacanaaac tnnactcaaa cantancntc tactcataat antntacnngn      60
ntantaanac nccctcatna nannatttan antnttcant cnatatntgc aantcatatc      120
ttataanata cncaaaagtt tnaancangg ggagaanagc tcanaagccc ccttcantna      180
tnataaatatg cnnatanctt tnaccaanta tatatnnctc tanancaact cnnntttcnn      240
ataagggggg nnttntaaaa ctnccttgnt cgcannccca tgacctnntt atcnnntnngn      300
cnacnancct ataanactct aaaactcanc ntncnatan nnttntntata natncatnnn      360
atatannat ctanctnnga tatctngncn tncagntnat ctaaaanatat ctncacanc      420
nnctaccnag tannatannt annntacat aacgnntntc tatctacctt cntatnganc      480
ncanatatat cctaantatg ctantatcac nantannata canacancga aatcgntact      540
cctctcactn actacanata tatacngctc atcatcntan cctttatacn ataanaacnt      600
ntatancana cgnanancac acacacntaa cacacanctn nttntacnna tcncnccnaa      660
tatnntgtnc ncttgtcact acnctgtanac tcatntanac tcnntacnngn tcacngnta      720
ananacatat cnnnnncnnc cactcnacan atanntattn tncgaatnca ctctcnacac      780
aacacacatc acngctcata tattnacant atcactncat atattacact anaacactat      840
tcacatctcn aatncncnna aatancngac ntcantntnnn cnaactacnc tacactntan      900
tntattnttc nagtactaca cacaacnnag nncaccactn atacacatcn cnngttcat      960
gaaatatanc gatanatate anagataaca tnaactnannt cennatatac tgnnnantca     1020
aatnattaat ntccaaacgn cnctntntaa nttntnacan gactnctctn tattntatat     1080
tantatncat cccnactct antaactaca ntctacgaen actannatc cntnntnntc     1140
atnnattnct atcncnnnct canaanatat nagnctatna tatcncnnct nacattactt     1200
tctacttcan ntatccatct aanactacta tatactannt tctttacttc nncnnncatn     1260
cntncnactt anaacnnctt cataatactg tatcattanc cacagnnaan tnatctcnat     1320
gattncntcn atctntatat ttannagtnt annnnattta nnctnnncan ctgcancgac     1380
ctaattatnn ttcanaacta attnctagan ataactctgt acatcnantc g      1431

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<210> 1981
<211> 692
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(692)
<223> n = A,T,C or G

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<400> 1981
tttcaattcg gacgagccna natggtgaca ctgcactcca gcctggctga tagagcgaga      60
ctccatctat aaaaagtaaa aaagaaagtc ttcagtgaag ggagattcgc cctatcagct      120
atgaaagcac agaggggagg aacatggagt aggggctgcc tgcagtcaga tcctgccctc      180
acaaccttgc cagggaaaca ggctcgtggg tacaaagggt gtgtgcctca acttctctcat      240
ggaagcacgt gagattatnt tataaccata gaggaggagc agtcagtatg accaccaaac      300
ccaggagcca tatattaaaa tactgataaa tttaactata taaaaaaatt ttacagggtg      360
tgcaccacta tgcccggcta atttttgtat ttttggaaga aacgtgggtt tactatattg      420
gccaggctgg tctcgaactc ccgacctcaa gtgatccgcc caccttggcc tcccaaagtg      480
ctggcattgc aggtgagcc acggtgcccc gcctgaacac cctttcctgg taaaacactc      540
caaaaccagg aaaagaagga atgtacagca acaaaataaa nggccagtca tgcaanggnc      600
ccatggnttg aaaagtcttt caagtcattt taagggtgaa aaganttgaa aatcttttgn      660
cttccaagaa tcaaggaaat aangaaaaan gg      692

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<210> 1982
<211> 1397
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature

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&lt;222&gt; (1) ... (1397)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1982

agagcttttt	tcggaaaaatc	tnccggggnng	gncgggaagg	ggactannaa	gggccttccg	60
gtannttaag	ggaaccgncn	cagggttttc	cctttgggaa	tngggggnaa	gnccctnggt	120
taaaaaaggn	ccccacnccc	caaccnaaaa	acaccaannt	ttctttaaac	ccnccaatn	180
tnntacctt	tgtttatctn	gggananacc	ttnnccangng	ggngggggac	tttgttttnt	240
ctttatagtn	acgngnnant	cccancatnn	cncaatnttt	ttnttttann	ctctcatnan	300
cgtcangnat	nnncananta	tatctgtgnc	ntaagnnnca	tatnncgenn	tnangnagta	360
tnntanaggc	tgnnnccata	gttgtnctn	gnntcgntta	agtcttntna	tcgtctcaga	420
ccantagtn	tnctcatatn	nngtntannn	ntgacnntnc	ttnaaatnc	agnctcnttn	480
tttgngtann	ctttcngnan	tttgntantna	tctatntggg	gacnncgaa	ataacttgta	540
tnntatagcat	atcgtaaaac	tttattnaan	ctntntntta	antannanct	ntnnanttaa	600
anctgtntac	nnnttaang	tnnttnnaca	ngaannnnca	ttanttgna	tcgcttgtnn	660
tnanccnatg	tnntnncttt	antttntttc	tacctttnt	natttcnact	ctntnnactn	720
ttgntgtttc	atatacnanc	natgtgcnan	atctantgat	ctntnccgan	tattntntan	780
tagnntaang	nnncttgtn	ttaatncatc	tnctactntt	atnnntgnnt	atcnancnng	840
ttntacntnt	cnmtgtntac	nctgacnata	nngtcaanac	atctcnnntn	cgagcanatn	900
cggagtngtn	ctacnncnnn	ngnatatcnc	tatcatcnnn	cacgnncact	atngatanat	960
nctgatatat	cngcnagcaa	tcanaacatac	ncgtagatct	cttgatntna	nnccgacaga	1020
gtctgtgnt	cnnantgcnn	acnctntnnn	tnatnttant	cacacgnntg	caactnactat	1080
ntgntnattt	ntnaatntta	catcgncnnn	tnctattntc	cgntacnaat	atactcncng	1140
tcntncaaaa	ttctcacgag	ttangattgc	acnctatctc	tannnccgtn	ncgtctcagn	1200
ntacngatc	tttnangant	cntannnttn	cagtntntct	cncgaanact	tnngntntct	1260
tatatanact	nccnnnancn	atctngatct	ntctttatat	anacatntta	cacgtatgtg	1320
aannntctga	atatatntca	tnnctcncn	ntaaccgaca	tnnctatntt	ntatantcac	1380
agaattannn	aatagcc					1397

&lt;210&gt; 1983

&lt;211&gt; 678

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (678)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1983

cnnccgtaga	cgtnntnttt	ttntnttttt	tgccctntnt	tttttttttt	tttttttttt	60
ttttttaaaa	aaaannnnng	nnnttttttt	tnnncccnnc	ccnccccc	ccnaatnngg	120
gggggggggn	gnntntnaaa	ncnntctntn	ccccncanna	anaaaaaaan	nnnatntttt	180
ttctccnnnn	tttncgnnnn	cnntnnncnn	tnnaaaaaaa	nnnnnnnnnn	cccccccc	240
nnnggggnntt	tttngggggn	tnaaaaaaan	tnnncccnnt	tttngggggg	nncccnnnnn	300
nggggggggg	nnccnaaaant	tttttttttn	naaaaaaana	aanttttncc	cccccccggn	360
tttttttttn	nccnnttttn	cnnaaaaaan	gggggggggna	aaaaaaaann	nnntnttttt	420
tttnnnnnnt	naaanannna	annnncccn	cccnnttttt	tttttttttt	ttccccccag	480
ngnnaaaaaa	aaaaagngng	cccccnctnn	ccccctnngg	gggggggggaa	aancnctnc	540
nnnttttttt	tnnaacnct	tggggggngn	ttttttggnn	ccccaaaggn	nggggggtgn	600
tnnttgngng	ggnaaaaaan	cccntgnggg	ggcncnaana	aaaaaaangg	gggttttttc	660
ntcccccccc	cccccccc					678

&lt;210&gt; 1984

&lt;211&gt; 970

&lt;212&gt; DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(970)

<223> n = A,T,C or G

<400> 1984

atatacgcaat tncaggtcta ttgatttgct acatgcttaa aatgatagag gttgctcagc	60
atTTTTggag tacaaggggg tcagcagaga catgtgatga gggnttacnn gtnatnataa	120
cccacacnnt nacanngtgt ccangctatt taaatgacna anacttcnat tcaacnnnan	180
tnctatgggt cnggtttggc ancatngctt gnnnnatgan aanatgntcc nctccgctta	240
tnatcnctn nctaattnca gaaaggactt aatatctcan tatccctanc tnttggtacc	300
cnntcngnaa ntncattntn cccatacnat ttgtnccant tcnantccn tantnncnnc	360
agctnaacca cnnaaentn ntanttttct annnngcnnn aaaacttcat aannanttgn	420
antcanacen cncntttcnc taantcctna nctgggggtcc tnnnnaccgc ctcactctanc	480
nntccgtatt accntttatn cncctctatan ctccgtcaac anaattctcn ntctnnnnna	540
aactaacncc tcattcannc cccnactaca atncacntcc acnttctact ctectntgac	600
atctactanc acctctnnnt centnatctt attctaaatt nccccanaaa nncgcgatac	660
ancctntncc nnanttcenn centnncgcc nctnctanaa aannnatatn ttctctctann	720
nttnnctaac atttctttnt tcnatntnaa acnncnnanac tactnnaang nccancctca	780
cnntatnccc attactncc ttctcatann natncccnnc ctatancnca nacttanctt	840
taccccnctc tttaattntn tntnaagntn atcttnanta tantncnagg cctatcgctt	900
acanacttnc ttatatnacb anccattccc naaattntnt cnattcaata centnctan	960
centntaccg	970

<210> 1985

<211> 685

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(685)

<223> n = A,T,C or G

<400> 1985

nnttgaaaaat ccggcacgag gggttnnngan atgtncacnc cnttactgan aaancatacc	60
tgacngcaga ataaaccac atctactaag aggttccat ggtttttact gctatcactt	120
tgattactcc aataatgaaa ctattgaatc tgtttcttag aagccaaggt aagaaagcag	180
agaatagtct gccattgaac tgatagcatc tgttttataa ttatctgggtg acttttctag	240
agaagatgta taaaggctgt gttgtttcat gtacaccaca cttgaatgat tgcttcttga	300
gttggtattgt actccagtta tctatttctg tgtaacagtt cacctcagaa ctctcggtgt	360
taagatgcct gttatgggta agatggagca aacacatttc acctgtcttt tctactgaac	420
tcagctaaaa cacctggcct agagcaacta tttgaggact ccaaaagacg tatcttaaaa	480
gttgactaa gaaggagcag attttgaagt actggtgaac caggggttaa tttatcttc	540
tcacctctct catatctca ggcttcaaata caacacagcc taaaaccctc aagtgggaca	600
ttaatggggg gataaagaag aactctanga aaanccttca agttctgggt caaaagaatg	660
ggaaaggcga aattgnaat actna	685

<210> 1986

<211> 645

<212> DNA

<213> Homo sapiens

<220>



<221> misc\_feature  
 <222> (1)...(645)  
 <223> n = A,T,C or G

<400> 1986  
 gatcccgaag ncccaagtga tccaaaatca aatatttgta aaagagtaat tggtttggaa 60  
 ggagacaaaa ncnnnaccac tnntgacatc tcategcctg gagtnggtac agctactggg 120  
 cctggcagat gtgttcacag tggaggagaa ggctggcgc atccatgcag tagaccatat 180  
 ggagatctgc cattccaaca tgctgcgttg gaaccagacc caccctacga ttgctatcct 240  
 tcccacaagc cgaaaaatcc acagctccca cctgatatac cacgtcatcc cttactctga 300  
 ccattcctct tactccgagc ttctgtgctt tgctgcagca ctgaagcctt gccagggtgg 360  
 gccattgta agtcggcggc cctgtggagg ctttcaggac agtctgagcc ccaggatctc 420  
 cgtgcccctg attncggact ctgtacagca atacatgagt tctttctcta naaaaccaag 480  
 ccttctctgg ctgttanaaa ggangctaaa gaaggccgaa aacccaangn ggtggggttg 540  
 gaatnccctg angaaaggct gatcaatctc aaaagaaggg ggactattgt tgacngnccc 600  
 actggaatt tcagtgcact taanggctac agatgaagag tttat 645

<210> 1987  
 <211> 1215  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1215)  
 <223> n = A,T,C or G

<400> 1987  
 atttgaatc gcaannntg gnacnaaaan gannttaate tttcttcaan cnancgttec 60  
 ctgtgggaca agggatngna acnatntatg gcanatntng agagancaag cannatncaa 120  
 nanntntgta ttcnatnann tntaatatac acanaanana nnantanana tnnntaanac 180  
 ataaatcngg ggggggggaa acattttttt tntcananta naactcatan cnetattngn 240  
 cgccatccat antntcgnnt ccaacgtctn attaanata ntganntana atctataana 300  
 atatatcnat tagcatccac acatatataa anatctacat ctatattaaa agaantagac 360  
 nanttcaata tacatacacn tatatnatnt annancatgt aatntatcan acnaaagaan 420  
 taccatcggt atatinacan acanatatnt aactnctnta tnnanantaa nactnccnnn 480  
 tnnaaataa ntatcatnnn tactatnann ncnancatca tannnctnta tatganntnt 540  
 nnaanaanta nnnnattnnc aaatcantca ntaattaata nataattgna canacnaatn 600  
 tttantanat caatataata cnnatactaa nntcanntc aaganannan nanctaacag 660  
 aacnncctat atatanatcn anaaanactt antcgcannt naatcacnt atatcatatc 720  
 tatncatata acncttaacg tgnntcntcn naacatncan atctnttcan accacatcac 780  
 ngacaacacn tcagacatat ggatctctta tcanacnntn aanacancta cnatcactcg 840  
 atnataccac atntatanac nantnnatgn ataaacacnc tanatacnaa aatcncacat 900  
 acatntttan atagannnac agtnntannn ataacacaca ttaataattt attacnaatt 960  
 acacagagan acntntcaca tancatanaa atctnaaaaa cncanntana natcatatat 1020  
 atcacaacac acaccnatan catnnntana tacccttact canntctatac natatannat 1080  
 nanananaca atcataata antnnctcat ctanncaaan cttaatctca ctatgtatca 1140  
 anacnccctt tatagantac caacatatcc acacatantc acnnttanac tctctgntng 1200  
 anatcggttn atanc 1215

<210> 1988  
 <211> 1162  
 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1) ... (1162)  
 <223> n = A,T,C or G

<400> 1988

nttcaancgc	anngannngc	tgtaatccct	cngtgtgata	cagccaattg	taaaagactg	60
caaagaggct	gacttatect	tgtataatgg	aaccnngggg	ncgtntnag	gatgatecnc	120
ccncncctt	ncnnncctnt	cttcttnngn	canaatcctn	ccaggaaga	tatctttccn	180
tgtttaacca	ntcttcaa	tannccang	cancnnncnn	tatnaccnct	ttagcgcca	240
ctnctcent	atcnnacctc	nnnnctctt	ngaantnntc	ctnanctcnc	ctctnctna	300
cattctgnc	gtanngtnt	tngncnnaat	ancnccttat	ntnntccaen	tccnanantn	360
ggntcganna	tncnctacnc	caatntntac	aatctgttct	gncctattct	acaancttgn	420
ttctctcaac	nanatctaca	acagtnccct	nggtgncatc	naccnnccnt	cntcaacact	480
tatacatccn	tcanaentct	ntannntact	ctcnnntent	ctgncatnct	gtatcncntc	540
tcttctctgc	ntcanatccn	cnnnttcnna	tntcctctgt	actctctcnc	ccctcctgtc	600
tantgctgat	caentctacg	tantctcgta	tacntctccc	actcncacac	ategcncnt	660
tcnccacaca	tacncanacn	gtcncccata	ngcncgcact	ctacatgcgc	nctcncctta	720
ctntctnnac	tcgncatct	ctnnctcatc	gcncctccana	tctccttata	ncncgcgann	780
nnntnngcan	ctttctcggn	ancactanct	actcngagct	cttcncnctc	tntangctan	840
tcatngccn	nnantcncctc	tgcgncacat	ctcnnatctc	acaccgncnc	tatnctgcct	900
gctcacgact	ctnacncana	ctnacacttc	catttgtntct	ctcnatnatc	cctnccgnc	960
cngncncacc	tanattcnac	aancantgnc	ncttncnatt	tgcactatcc	tattctatcn	1020
ntntanctnn	antccccnnc	catcctnnnc	atctctccgn	nttacancnn	tcttnnanc	1080
tcatnggntc	ccgcnttctc	ctntcactan	cttantnnct	cgtagacgtc	cctacgcnat	1140
nnntatctnc	ntnttttctn	nc				1162

<210> 1989  
 <211> 1125  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (1125)  
 <223> n = A,T,C or G

<400> 1989

nnntcgaant	cggcggggag	gcaatactcc	anttngnccc	ccgnnnngng	acatcattaa	60
ataaaaagac	acaanatcaa	aantctattct	cccantatnn	naantnnct	ctannaatnn	120
ggggggngtn	tntttaaana	antaccaant	nctccaanan	ntctccaana	ngtaataaaa	180
cannatatat	cntctntanc	ctntaagaaa	tnccacanca	nacgacantn	ttntnccnan	240
tatnntttnc	gttantncnn	ntnncagtan	ttcaaannat	tcatatnaca	atnanttnaa	300
cntacttntn	ttnttctna	ntntactann	anaacacct	atnttnatta	nttatatnta	360
ttnacnnnca	tntntantg	actnnnntcn	caanatcana	nananacnca	ancncaagat	420
tatnntcent	cctantantg	antntacac	tnnaccnctt	aaacactcta	ancannnata	480
tcaanatctt	tatcactcta	ttntncaant	acttnaaaa	tacttctnnn	ataatatnna	540
aaaatcntca	tctcatccaa	canntatnnt	ntantcccc	tatcncattg	tccttctctn	600
ctcncctcng	acnnctctta	ncatcncac	ctcatnnnc	ncntatatch	tacananctc	660
annatatent	angctaata	ncatatcanc	nnntctncac	ancacttctc	antatcacca	720
tatcatcaat	cnttnntngc	gantnaacan	natacacnna	atnnactgaa	ctncatacng	780
atnccgcaca	ancactancn	cactncnnan	accntatca	tgtntacnnc	ncgtcanatt	840
acatnctnat	acncaatact	nacaccgnac	actccnatcg	atcncacttn	tncatcanac	900
tnntncnngt	acaatctana	catccaacna	ntacnnanan	nnactacann	ccnnacacat	960
cncgtcnnaa	cncacancat	actagnaaaa	ncatacnna	ctnnacattn	annangaccc	1020
atctnctnnn	actnncacn	tnatnatnac	tctnctnact	natagtcant	atatctaaan	1080
aatccctan	aaanaaatcg	tatatntctn	tatancacta	tnnnc		1125

<210> 1990  
 <211> 670  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(670)  
 <223> n = A,T,C or G

<400> 1990

ntatcgattc	ggcacgaggt	tctcccttan	canangctng	ctttatgaca	acancagagc	60
ttgagcatnt	tgagaaccaa	ctttgcccaa	gaatattgat	tagtagtttc	tgccatgggc	120
acaggaaagg	agaatttagc	atthttgtgtc	tctgtgtgtc	atacctgaat	aagagtctat	180
tggtgcaaaa	gagcatatcc	aatagtgtata	ttcataaaat	aagtgtacgc	aaatagtcca	240
tgaggatgg	gcacagtatt	tcaataaaat	acaggtagtt	aagtaaagg	aatttctagt	300
tgagtacata	actgagacag	aaaatatgtg	catagcaatt	ttaaggtagt	ttaataaaaa	360
agataaagaa	tttactaaaa	ttaaattgca	agaattctgc	aaccatattt	tctttgcaat	420
ttatatttct	gtattttaat	ttcttgggat	atatttata	ttggcagtat	aggatggaat	480
tttcaaaaac	aatattgaaa	agggctgggc	atgggtgggc	acacctgtaa	atccccgcac	540
tctgggaggg	taaagcagag	gattgcttga	cccaggaggt	tgagaccagc	ctgaacaaca	600
cagcaagact	ctgctcttca	gaaaacaaaa	aacttatcta	ggtgtgngg	cacatgccc	660
gaagttccat						670

<210> 1991  
 <211> 1468  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1468)  
 <223> n = A,T,C or G

<400> 1991

nnnnngcnnt	annntnntna	antactatcn	nacnnntcna	nnacgctgcn	gaactatnnn	60
aanaganntn	tncnnncacg	acnnantant	actaactann	ncggngnagt	natagctann	120
agcgancttc	ncntcantga	tgntngacnc	acnctncnnt	actntcannc	atacntaatg	180
atcngtnacg	ctaaacatta	aatctnnnnn	ccacntntan	nnancgaaan	ccggggggga	240
aggtnattat	actaaagnag	ggccccnnn	ncagnaaaca	cctctacaca	tngnggnatn	300
tgcatcgtta	tntatatacg	aacngnaant	acacgatatc	natgaaanan	atgggggggg	360
ctntagagna	nanngangtt	ntcnnngcnt	ttacntagcn	ncngtcgna	nantagnatg	420
aantcnnnna	agtnagantt	gnnggnancn	ntagnntnna	nngnaatntc	attnnnnnnn	480
nnganagnat	aatgncgcna	ntgtngcgaa	tncntnccgn	cntcaaaccn	anagnncngc	540
ganctncnnn	ngaccgcnnn	aannaaganc	tacaancgtn	cgnggcacnc	cnnnnnnnaga	600
tttcnaaaac	gtgnancana	anntnaactn	aantatntnn	ccggnnccgc	aaatatgtan	660
nanacntggg	gtgggacaa	tgcnagagaa	cgtgtagcnc	antgctcnnn	ggancnnnnn	720
agatnatcgn	ntaanana	ngancatacg	gagganaacn	anantcatcg	cacgcgcggt	780
gtacnaacan	cgcactntng	gntgcaatac	ancnnanann	gtngtgcnc	natanacgcn	840
ganatagtcg	tcaanatacg	ntgtatctat	natntantat	atgtncgaan	angagananc	900
aggtacnnan	nacngtata	cgctntagca	caangaacca	ancncgccnn	cagtatcna	960
accncnnnac	anacgncgna	ncaatcannc	ntacngcatn	cnacgnntnc	gngncatata	1020
tancngntca	cgcanaagna	acgacnagnc	ngtngatgcg	acgtngcncg	cagcancnna	1080
gaannncnnn	natgctntcn	nccnnacngc	ngaaaacngt	nannnanaca	nnnnnnnccg	1140
aatgtcctcn	ncnnganncc	gnttannanc	ganctatncn	ngatncgcac	nnnnnnntent	1200
naatctance	nnctcgtntca	tactntntccg	anttggaacnc	cgctaacngt	aatatanngn	1260

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actnecgnca cgtnecgnac gagnntnnan agcgcgncgc anannnctgc nnnancaagn 1320
canatcngca cantcngnt ntcntgtcga tancnacan ncgtntcgt antcancnta 1380
tgntnntggn cactnagnant nncntcnaat ncgtancann caactancan ncncccnenn 1440
cngnnacaac cncncannt nncntccg 1468

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&lt;210&gt; 1992

&lt;211&gt; 1461

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1461)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1992

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gaanaacnta ngtnngatta atnggtgana anngcaaata ngcattggtg tgannngnnan 60
ttngagaatg tatntntcgt ngtnataacn cacnngacga naactgtaaa tannnnntntt 120
ttntaagaga actganacan ancatggann cggaacnadc aagtannnga aataaantgc 180
gtangntat atcantagca tanncntaaa tnnnnnnntt taanntntnt anaacttcgg 240
gggtgtnant tanccecaana aacccccngc ggnggggggn angnannnaa aganatnnan 300
ttannacn taaataactaa nnntcttggn nantccangg ggtntttnt tacaagatgt 360
gtggccaana annnncagan ttttgtnttt atagnntttt nngnattnnn tngtngatac 420
ntgtngant ggaanctann attgnangtg nntngaant nnanantnga nngnanagna 480
nncngnntna gtatggcnaa tgnattaaga nnggntnatn tnggaannac natntantcg 540
gagngntgt antngggant natttaggac ggtnttctta tnantngna nngnncantn 600
nanngatata ttcnattatn gcgaatgggt attanaaatt gtnntgatnt ntnntnnntn 660
nntgatnnnn atgcnataa ntgcattggt cnanttnnac anangncana acnatantta 720
anttgnnnna tagtatacan anaancntgc nnatatgnan acaatanttt nncggaacta 780
tacagtntnn gccananttc atatgttgga acacttncgn cacnngtcta gntctataga 840
nanatatcnn gggtgtgtat gagantnana gatcgcnnga tctncagtta tatgtnnatt 900
accatnatan atagatnacg tacnggcana atgtgatann tcatacaang agatcnanga 960
atnttgatnn tgnagtgtn tgattacntn ncnatactga tgnnagnagt ancgtncnn 1020
ataaacntgn nattangctn gtgatangng ttatgttgag ataacatant annattaaac 1080
tnacgagnat anttaaatat tancntttgt natantgnnn nnaaagngat cnnatanana 1140
ngtcngagta tactatacat gacggnagcn cantnttgan agngatncag atgtatcngt 1200
gtncgncana ncancatcca atataaaaan gttgatcngt cannnagcnc agtgcncgna 1260
taaatanntac acncgtangn aacagatnga ttaactacaa natacacatc agantcgcgt 1320
gcanatgcag aangtgcngg tcatcncggn agtgtatgtg natgaatatc ngaanganac 1380
tactcantga agacgagatg canntnnnaa ncnnacatag acactcggaa cgcataganc 1440
nctnctggga ntgaactnnn n 1461

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&lt;210&gt; 1993

&lt;211&gt; 679

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(679)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1993

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tnatcnttag catacaccct cagggagtc cagccttcca acgtccattc atggagccca 60
gggtccaaaac ctgtgatccg agaataggat aaccttttcc tgcccatagg gtgttttcca 120
aagaccttcc attgctctgg gttacgtggg aaacaacaaa acagaaccat cccccgcact 180

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ggtcagctgc.tacgggtcac gccagggaaa agtgtggact gatgtatttc gttgtttacc 240
atgtttctag ccagagctaa tttgaaaata ggtatcccaa gaaccagact gcaggagtat 300
cccaaaataa aacattttat tataataata atgacaagga tggatttttt cttccatctc 360
aaaattgtgt ataatgcat attcaattta tagtttaata aataaaaatt cttatctctt 420
acgaaaagtt tcttttagag ctgagctttg cttaaacatt tattatccat ctgctttctc 480
ctaatttgaa aacaagcat aaagcaagca atttacattc ctaacagtgc ctaatgagac 540
agtttattca ttcagtcagt aaatatttat tgaacatcta ctgtgtgcca ggcataggga 600
aggcattaaa aagatcttgc tgattacagt caaaacatag tccctactct catggggatt 660
ttacaacctt aactcatgg 679

```

<210> 1994

<211> 701

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(701)

<223> n = A,T,C or G

<400> 1994

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tnnntcgtcc ctaacgaggg tacctggtgc ctctgactgc gcctctgcct ttgccgcctg 60
gctcctggtg gttcaagttc cagaaaggtc cgagggtctg aaggctccta gagaacctag 120
aggctcctcc taggaacctt taaaaatgat accctgccct gcgttgagc ctgtgaattt 180
ctttgcatgt gaggggccag ctgtcaggtg gtcggctgag ccagggcaga cccaggagcc 240
cagcacgcca tcgaggaggc ctttctgatg gcacaagtgc tagccgttcc tcctgcttct 300
ccgcccactt ggccatgtct gggaaaaggc tccccccagc tcccttgctc tcctggagc 360
accacgggca ggactctgac cggggatggg caggttgggg cattctggag aggaggtttt 420
ggagtgtatg gtgcagaagg cggttcaggtt ggggtgaattt ccctgaaagc ctcaggcccc 480
agctctggct ctggctcctc aactcttaag gccccctttt nttcatcttg aagaaaattt 540
gaactcaaac tcaagggttc cccacctggg ggggacgcca canttgcca gtntgccgtg 600
ggaggtcctt aantgggtgt ctgaaggggc tntancgtc agaaaagctc tgcagaagcc 660
cctgncccaa aggtgtcttg tttggggcta aggtgatgcc g 701

```

<210> 1995

<211> 1227

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1227)

<223> n = A,T,C or G

<400> 1995

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ananannana nannnnnnncn angnnanncn anncnaanaa annannnnng ncnaangnnn 60
anannnnnnn annannnnna nnnngnnana gnnngannnn nnnnancnnn nannnacnnn 120
nnannggngn gangnaggac gannannnnn anngaangna ngngagggcc gangangann 180
nnnanacnnn ncnnnnnnnn nnagcctnng gaaaaccctt nngnccaaaa cnaccccgnn 240
ncnntttng naangggaaa acccaatcgg naanccccc nggggancng ggantgggna 300
aaaacggacc aaacaaaggg aaaacctngg aaaaggcccc ggaccggggg gggcncggaa 360
aancaccctn gggngaaatc ctgggggggg ngncggggna anaaacngga ggcccgggna 420
aaaaaaaaa ctgggactcc aaacnaccca cccgggaacc caanccggna cggggccana 480
nntcggnaaa aggtaaacct nccttncccc aaggncntcc nggggnactc nggcntngga 540
atgnctnnng ggggaaccca angggggngg gaagggaagn caccancna agagggggaa 600
gggncnaag ggggggaant gggaannnga nnnnccaggg gaatggaaaa naaattnggg 660

```

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aggggggaaa aaaaaaaaaa tgggggggtn aaagaaangc cccaaaagga aanttggggg 720
naaangtaaa nggggggggg aagaaaacaa agaaaaangg gagcccnggg ggnctnatng 780
gggggaaaaa gggaanntnn ggaaaaanaa aggggaagnc cnggggggaa aanaatgggg 840
caggggaaaa anncnggggn aaaccnnaaa aaaaaaaaaa gggggncnt ttaaaaagaa 900
aaccccaacc ntcccnnaaa anctcctgtn cccnaatcc caaaaccaa nagnctggg 960
ccgggacca aangnggcat cntnntnacc ctggcctnan caagcattat nggcccccaa 1020
ngccnccctc caaaaaacan ctggtncccc nggggcntaa agggcaaggg ggaagnaag 1080
gggaanaaca anggatnng gggggaaaaa ggcntnaag gaaaantng anaangtggg 1140
ggaagaagga acaanctngg ggggcttngg gccaatgnnn aaaaaagaaa gggacngntn 1200
acggaaacca tatcgggaga aaaaaan 1227

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```

<210> 1996
<211> 764
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (764)
<223> n = A,T,C or G

```

```

<400> 1996
tcaaattcag ctcnttgcct ntcnagnagga tcccatcgat tegtctggga gctgattgga 60
gaagcgcca agagtgtgaa gctggagagg cctgtccggg ggactgaga actccctctg 120
gaattcttgg ggggtgttgg ggagagactg tgggcctgga gataaaactt gtctcctcta 180
ccaccacct gtaccctagc ctgcacctgt cctcatctct gcaaagtcca gcttccttcc 240
ccaggtctct gtgcactctg tcttggatgc tctggggagc tcatgggtgg aggagtctcc 300
accagaggga ggctcatggg actggttggg ccagggatga atatttgagg gataaaaatt 360
gtgtantgag ccaaagaatt ggtacnangt gggagaacng ataggagctg tgntattggn 420
aatgatncgn ttantggagn tncaattntn gctnaangtn nngaactagc ttncgntggn 480
cctnaccnna naatgcntnc cnagccccct gaacaacatc tgaagagcca tgtcccnag 540
gtccaccttc tgcttctgan gggggctccc gggatgaaca ggatggagct tcagctgaga 600
cagaaccttg ggcagctgca gtcccccnng aatgggtnc tttatncag caggacattc 660
acagcncagc cggaaagggt aaaccgcagc ccnctctgag tgatgcctaa cttanttggg 720
atgcctgccc agaaacccca gacgatgcat ggtganggcc ccct 764

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```

<210> 1997
<211> 731
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (731)
<223> n = A,T,C or G

```

```

<400> 1997
gnttnaatat cagctntttg ttctttctgc aggatcccat cgattcgaat tccgttgctg 60
tcgttcccat tcagctcttg ggggtgaagc ttattcctga tgctccagac gatcaccatc 120
tgcttcttgg tcatgcacta cagaggacag actgtgaaag gtgtcgcttt cctcgcttgc 180
tacggcctgg tcttctgtgt gcttctctca cctctgacgc ccttgactgt agtcaacctg 240
ctccaggcct ccaatgtgcc tgctgtgggt gtggggaggg ttctccaggc agccaccaac 300
taccacaacg ggcacacagg ccagctctca gccatcacag tcttcttgc gtttgggggc 360
tccctggccc gaatcttcac ttccattcag gaaaccggag atccctgat ggctgggacc 420
tttgtggtct cctctctctg caacggcctc atcgccgcc agctgctctt ctactggaat 480
gcaaagcctc cccacaagca gaaaaaggcg castagagcc agctactgga gtcattccgt 540

```

ttccactcat	tcacccaacc	tcagggttct	ccccatctga	gccagcctgc	tggtgtgact	600
tactcactct	tcattcctct	gnacttgag	actttctgag	ccaggggttt	tcttttagtg	660
gaaacaaatg	ggtgatggat	ccagatcctt	ngaaaaggag	aggattgggg	tanagtctnc	720
caagccaaaa	t					731

&lt;210&gt; 1998

&lt;211&gt; 729

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(729)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1998

ttaataaaact	gctcttggtc	tttttgagc	atccctcgat	tcgcttggtt	gggataaaact	60
tgtgtatgcy	gatacctgct	tcagtaccat	caagttaaaa	gcagaagatg	cttctggtag	120
agagcattta	atcactctca	agttgaaggc	aaagtatcct	gcagaatcac	cagattatct	180
tgtggatttt	cctgttccat	tttgtgcctc	ctggacacct	cagagctcct	taataagcat	240
ttatagtcag	tttttgagc	caatagaatc	actaaaggca	ttctgggatg	ttatggatga	300
aatcgatgag	aagacctggg	tacttgagcc	agaaaaacct	ccacggagtg	caacagcacg	360
cagaattgca	ttaggtaata	atgtttccat	aaatatagag	gtagacccca	ggcatcctac	420
tatgcttctc	gagtgttctc	ttcttgagc	tgacctatgt	gtaaaacccc	tggaatttaa	480
gctgagcagg	aacatacatc	tgtgggatcc	agaaaatagt	gtgttacaaa	atttgaaaga	540
tgttttagaa	attgattttc	cagctcgtgc	tatcctggaa	aaatctgatt	ttactatgga	600
ttgtggaatt	tggtatgctt	atcaacttga	cggtaccatt	cctgatcaag	tgtgtgataa	660
ttccccagtg	tggaacaact	ttncatcaaa	tatgcttata	tgantggctg	anaggactac	720
taactagta						729

&lt;210&gt; 1999

&lt;211&gt; 689

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(689)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1999

gttcaattcg	angagaggag	gcttggttag	tcagattttg	tgtattttcaa	tctttgaaag	60
ctctgatgta	atttagaaat	gaaatccaat	catgagtcga	ggtagagaac	gcctgctgta	120
atctacactg	ttgctgggac	tgcgatttct	gtatataact	gtgttggtatg	agtgcagat	180
gattgtccag	actaggacag	cggcatgaac	atgacttttg	ttgggattgc	ggatagttag	240
ggttacctct	gaatcgtgta	gcttttatga	gagcagctgt	gcaagtgaat	ccacattaat	300
gccttgctcg	ggtgccattc	ccagcgcttg	acgatacgtc	cttctattgt	cttattctgg	360
caggttttga	cgttttaaat	tttttaaaga	aattttattc	cttggaacca	aaggtttggt	420
taaccacccc	cctcttactt	gctttcacat	tttgagtgtc	cagaggaaac	agaaaggaat	480
gagtgtgtga	cgtttgctgc	acgcctgact	ctgtgcgagc	ttcttttctg	ngnatatatt	540
ttggttttatt	ttttccggg	tatattttta	atcccagacag	aacatcatgt	ggagatttct	600
tttaaaatgg	gaattaaaac	cgatttcttt	canccctgaa	aaaaaaaaang	gtttttgaaa	660
aatngttttc	cttgnaantt	ttgntttgg				689

&lt;210&gt; 2000

&lt;211&gt; 796

<212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (796)  
 <223> n = A,T,C or G

<400> 2000

cctcgattcg	gcgcgagacn	nanngagaga	ganngcnnga	gagngagaga	gngagagaga	60
gagagagaga	gagagagaga	gagagagana	ganaganaga	gagagagaga	gaganantgt	120
ntntntnnnn	gnngnagagn	gnnacanncc	ntcncncctc	ctagaganct	gncncnctgn	180
ccttggttta	accnntaaat	atanctntnt	tctngtncct	gggtganttt	ntcnacaaga	240
ccttggttcc	ccnntcttt	nctcngaaac	cngtctntct	gccccctctnt	tntccctcnc	300
tctctctntg	tgtctcacgc	tctaaacnct	ttctcgcgct	tgttnttcgg	tgaaanattt	360
antnmtccat	cttcgtggtg	gtgagcggag	cccncttttn	tgcctgngtc	tctctttttt	420
tnatagnntn	cccttcttct	tcgaacnctt	ctnccccccc	ccttnaatgg	ccggcttttt	480
tnntantncn	ntggtgattn	cccccccaac	gggaaggggg	ggggnaaatn	ttgtccttgt	540
ggctctgttt	tcttgccnng	gggcttttna	ncttctnggt	cctcctcccc	cccctggggt	600
tccannccan	gggtccccnc	tttcccnctn	tcnngggccc	ccccccccnn	gagaaggggc	660
ttctgggncn	cccccttggc	nnncccccca	ttaccccccc	cgggnccttg	gnttcttnna	720
anttgcggtt	ctttggggtc	attgaaagcc	ccccnncccc	tnntgcnngt	attaaggcct	780
tnggtttgcc	cccccn					796

<210> 2001  
 <211> 1126  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (1126)  
 <223> n = A,T,C or G

<400> 2001

cccnancnnn	caannnnncan	nnnganntng	ngcannngnn	nannnggcan	nnnnangnnt	60
cancncntng	nncannnnan	ncnngacann	ngcnaaaann	nannnnatnc	cgccancngg	120
ganntnnaaa	ngacncncan	nnngnnnnnn	acgnangngn	ngcacagnac	gcngcgctat	180
acganncaca	nacncnana	naanacnct	gcgnnnngnn	ccnntacgat	cctnnaanac	240
gcnacnannt	nacnnncncn	nnnnnaacna	nggaacncgg	nggngaagga	anagnccaca	300
agggaccncn	ntgcggngca	gtataaataa	gannnnnncc	agnacatgtt	ttnttacctc	360
tgctgtggga	tnntnggggn	cattactttg	ttgatctact	ttgtagttaa	cctagagaag	420
ttaacacagc	cattgctaca	gagctttcng	ccncttgagt	gccagaantc	cataatccag	480
ttatccnang	gattgtgggg	gagnnaaaag	aggnantncg	ggcatggnnn	cnttgaatgg	540
ggagcaataa	caagtccntt	annngganaa	gtggccnata	aanngtctta	ngtatnacac	600
cnnggcctgt	cantattata	acatntanaa	naaaacccga	ccaataanan	antganccat	660
ntggaaaaac	ttccctttan	tttgcgaaaa	canggangaa	aancggttga	cggaagaata	720
anaanaagng	gggtccaaaa	naaggggttt	caacttgnnn	ggaataatgn	angtcgaagt	780
ttgccccanc	nagggatngg	aattaggggt	gaaancgggn	aatgcctgna	aagngggggc	840
caaaaccccc	nnngnnaata	naancctctc	aagaaagcca	tcnncaangg	aannangggc	900
cntggngnga	nanaanccan	taggnanaat	natgngngtg	nagactaang	ggggacnncn	960
tncgannagg	gagnggtnaa	gggntcaanc	cgncntcgaa	aanaanaggc	ccctangggg	1020
nagncnct	aatnggggcc	naaacnggag	tcataaaaagc	cgngcncaaa	nnncnagaac	1080
nagcagcgca	ngnngaatan	tgncnnnagg	annantntaa	accccg		1126

<210> 2002



<211> 679  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(679)  
 <223> n = A,T,C or G

<400> 2002

gttcgattcg	gcacgagatt	atacccaaan	aatgggatgc	gtgtgggaca	gcttttaaag	60
tgtttgaaag	attttgcatt	caacattcag	gctatcagtg	actccttgag	tgaactatgt	120
gaaaataagc	gtgacaatgt	agtcctggca	tttaaacaat	tgagtcaaac	cttttatgag	180
aaacttcaag	aaatgcaa	tcaa	atgagt	caaaatcatt	tagaataaca	240
ctttcaagtc	tgattatgtg	gtatttatcc	ctttgcaagg	agagatataa	ttaagcttac	300
acaatgaaat	ggaaaaaatg	tttgtcttgg	agtcaaacag	aattaaactc	agataccagc	360
tctgctat	ttctaactgaa	tgactttaag	ttatgtaata	tatctgagct	ttaacttcat	420
ttttggcaaa	accagagtaa	aaatgaatac	ctctagttgt	tttgaggatt	aaatgagata	480
atgtaagaaa	agtgattggg	attgggtggt	gacttaatga	acggtagtgg	gtttttaagt	540
agttaatgta	tagcaaaatt	aagtttcaca	ttgtcaagtt	ttcaatacat	ccccaagtta	600
attggaat	ttaaat	taattg	gatcaataa	atcacaaagg	accccaaatac	660
aaacaattta	gtttttgta					679

<210> 2003  
 <211> 684  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(684)  
 <223> n = A,T,C or G

<400> 2003

antntcgaat	tcacaccagc	ncnctnnaaa	cctttagnct	gctttaagaa	aactcagtat	60
ctgaaaatct	taacttagca	tgtgatactg	tcttatcagc	atctgcagaa	gtgccaaagc	120
cactgctaga	cacttaatgt	gtattatttc	atttaattat	attttaaatg	tgcttccttg	180
gtaattctta	agctcgagaa	agagtttgag	aactgctgct	aggaaataga	gattcacatt	240
taacctgtg	gtacttttaa	gaagcaggta	cgttgttgca	tatatacttg	ggtagagatt	300
ggtaactatc	tgatagggaa	gctcaagttg	gccacccaag	tctgagaaac	ccttaattac	360
tgagaatcaa	aagagcagaa	tgtctgtaga	cattttggat	ttgtaaaaat	cacattgttg	420
agttatacct	gtgatgggct	gaaagttttt	ggcattcttt	cctgttcttc	atatgccagt	480
accataaacc	aaaaagtatc	tcagatctgt	cactttcttc	tcctaaacca	atgtgattgc	540
agcttttttg	ccttcagccc	ttttccctat	ccagtatctc	ctacatagtt	accttttgat	600
cttaagggaac	tggtttgaat	tggggtcact	tccttgcccta	aaattccatt	gaatgggtcat	660
tggtaaattc	taaaaataag	agtt				684

<210> 2004  
 <211> 1508  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1508)  
 <223> n = A,T,C or G

## &lt;400&gt; 2004

tgnaccnnnc	ancnnnccgc	ncccnnnnga	cnnnnncaca	ncangncncn	nnnnncncaa	60
nnnagcnnna	cnncntctg	nncttcncgn	gcancnaacg	nctcccngcg	nnggctcnnn	120
tcactnctac	nctntcacc	ncncannnna	gnngnnttga	cnngcgcnng	acnntancac	180
ctcacnanac	ggctccntcc	annnecgnct	ncncnatctc	cgcgengggcg	nnnnnnnnnn	240
atngggncgn	aggncancta	ttncgtccng	acngcccggg	gnaganacgc	nacaaacctt	300
nancngggng	tgtcncagg	gggnatanña	ggnttcncn	cctncatgng	gccccngggg	360
gggganttcn	cnactcgna	ngtcgcccc	acncacnccn	tgtaccgcan	ngnccacnc	420
aacagnnttg	ntcnagcccc	actgcccggc	ncaaatactn	gacgcacncn	gnncnncn	480
cccnnntnnc	tcnnaacan	naccnccac	cncncgaac	annnnnncnc	cggcncnagc	540
nnnecgnatnc	agatccncan	ngcncnccc	tnctncnanc	ngtccgacta	ncaagnccgn	600
ctnaagnaga	ntnccctnt	nnncntnnc	cngcacgncn	atgacgncnc	acgcnnttc	660
gggnagccgc	aatccgcacc	tncnctact	anccatnngc	nnntccncc	cngtctannc	720
gntgtacncg	cgantntcn	tatccnncn	tnctnnnga	actgtgaccc	ctnacatctc	780
ntacgcgcnc	tcngcncann	ctnncncana	tcgtgnanac	tnacnnccta	ctcancacnt	840
cgncnacgcn	naacgnaccg	cgnnccgnnt	tnccnatga	cgacaangcg	cntancctcg	900
atctgttgnn	ntataanncn	gcggttatnc	acncagaanc	cacacgcgcg	ccaaacannn	960
cgcatagcac	actnnntacn	cgctnnaacg	hangncnacc	gannactcan	tcancggaca	1020
ctnannngnc	ncngcgcgcg	ctnctactct	acctccgaca	nnntcngcn	acancatcat	1080
tacgncaca	naccncccat	caacaccccc	aaanacantn	cgtgcngncg	ncngcgcan	1140
gcacatnneg	ananaacnac	tccgtncgac	ngacgaatac	acgctgtcag	actcgctcta	1200
ncgcgcgtga	ncttncgcac	nctgcacgca	ctnnntcnca	nanncgctc	antngactct	1260
atacactgct	cacgactcng	cgcanccgcg	tangacgtnt	cnngccagac	acaacaccgc	1320
acncannccn	gcnetgacgg	anccnctctc	anacactccn	ccaaactccc	tcnccnnngc	1380
nacnngngac	agcgacgcat	accnncatnn	acgctccgac	tcnnncgacn	cacnacnncn	1440
gcacnnnca	tnegaacgca	agancnncgc	anncgcgcg	ncagnncncg	cctnacnncn	1500
cgcnccg						1508

## &lt;210&gt; 2005

&lt;211&gt; 878

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

## &lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (878)

&lt;223&gt; n = A,T,C or G

## &lt;400&gt; 2005

tagttatncg	gaanttgtg	ggggggggga	atnaaatatt	taccaccact	caacaaggaa	60
cccncnnc	agttagtc	ttantaanna	gtaagctaga	tagatagant	nctanaagtt	120
tangnaagnt	naggaagctn	tcagatatnt	tangnactct	tnattntant	anancagnnn	180
ngnatttaan	ttnggggggg	gggggtgtat	tattttttat	nnaancgnnt	nactngntaa	240
gnaaatcnaa	cattctgtng	nagtatctta	tgtatgtact	ctncaacatn	ttaatantat	300
antggatcatn	tnatgatgn	ttttaaataa	ttgtncntnn	atannnntgt	tnatancntn	360
ttgnntttt	acnacatntt	tttnatttta	ntannanann	ttnaatannt	tatntagaaa	420
ttnatatctat	attnncnttn	nttatttatn	antnttnat	ttntagnntt	tacnaagtag	480
ttgntnttt	nnntanaann	tnntntnnnt	ctaaaatnnt	aatantgnta	tcataatttta	540
ttttttannn	ttttntttat	ntatttattn	ntatataatt	gannttattn	ttcntcttnt	600
tttttattaa	ttttnnnnna	tttttcgttt	gnttataaat	catanttttn	ttnattnnna	660
tctaataata	nnnnnttctn	nanattggan	gtntntntg	anctnaanat	tgnttctann	720
tnnaaatnt	attnntnatt	attnnttang	nttttnaatt	tanantatnc	tgntttnanc	780
cntntannat	aancanattt	ntaatnattt	cantatcaaa	tnannnacta	tcnntnnatc	840
cnatnttatt	atcgtttata	taanancctt	cttatcnn			878

## &lt;210&gt; 2006

<211> 711  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(711)  
 <223> n = A,T,C or G

<400> 2006

nttcgattga	caagacaggt	tgctgagggg	tccgcaagca	tctgacttgc	ccaatcccct	60
ggatatggtg	agccccgcca	tgcttttatt	ctgtatcgnt	tttgtcttta	ttgctgcttt	120
caacattttac	gtttggttac	agttaactat	tttcggagtg	tggtgattga	agacaatttc	180
atcatcccaac	tgtacttttt	ttttgagagg	gagtttcaat	cttgttgccc	aggctggagt	240
gcaatggcac	gatcttggtc	cactgcaacc	tctgcctcct	gggttcaagc	aattctcctg	300
cctcagcctc	canagtagct	ggaactacag	gtgcccgcca	ctatgccag	ctaatttttg	360
tatttttttag	tanagacggg	gtttcaccgt	gttgccggg	ctggtctcaa	actcctgacc	420
tcaggtgatc	caccacctc	agcctccca	agtgcctggg	ttacaagcgt	gagccactgn	480
gcctggcctt	tttttttttt	ttttaaaaa	aaangcnnn	ttnttttngn	ccccagggc	540
tggncttng	anccccngga	gatnnaaang	cangccccnc	ctggttttna	aaaaaacag	600
gtnaaccggg	ggcccccccc	catttaancn	ttttataaaa	aaanggant	cctgggcnca	660
aaaggggaat	tttttngng	gggggttccg	cgnaantggg	gntccaaaaa	c	711

<210> 2007  
 <211> 708  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(708)  
 <223> n = A,T,C or G

<400> 2007

gtttcncaga	tgaacagaa	caagtccatt	tttattttct	ttcactgcat	tgcataatgg	60
actcaagttg	tggtgtgat	agctaataag	atgccattca	cattttatac	atcttttttt	120
tttttttggg	aagggagtnn	cnntttgccc	ccnnggnngn	agggagggg	ccnaatntgg	180
gttnannгаа	ntnnccncnn	ccnggntnaa	nncnnttttt	tngccnaacc	cncnccnagaa	240
nnnggaanna	nngncccccn	cnanncccn	gggnnaant	ttngnntttt	anaaaaaaan	300
ggggttcnn	nangnctaa	annccnnac	ctnggnancc	cccccntaa	anntttngnc	360
nangganggn	aaatnattn	ggncnngnt	tttaaaancn	aatngggnan	aangaaaaaa	420
cccctngttt	atnaaaaaan	naaaanttn	ccngncnagt	ggggggggn	ctgaaacccc	480
agntcctngg	naagncnggg	gcanngnanc	cncttaaacc	tggggggcn	ngntttnaaa	540
ccccaaaaat	nntccccctt	taatnccanc	cngggggng	aaaaaaagaa	aaaanttttt	600
ttctaaaaaa	aaaaaaaaaa	aaggggnntc	cctccccgaa	ggaaanttna	aaaaaaaaana	660
aanttttttt	ttttgtccnc	aantttnnnn	cncnccnnn	taanance		708

<210> 2008  
 <211> 686  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(686)  
 <223> n = A,T,C or G

## &lt;400&gt; 2008

nntcatttcgg	acgagtctgg	gccctaggcc	tcccaggagc	aagtggggcc	tctgatggta	60
aaagtcgagg	agaaagaaga	gaaaggcaag	taccttccta	gcctggagat	gttccgccag	120
cgcttcaggc	agtttgggta	ccatgatacc	cctggacccc	gagaggccct	gagccaactc	180
cgggtgctct	gctgtgagtg	gctgaggccc	gagatccaca	ccaaggagca	gatcctggag	240
ctactggtgc	tggagcagtt	cctgaccatc	ctgccccagg	agctccagge	ctgggtgcag	300
gagcattgcc	cggagagcgc	tgaagaggct	gtcactctcc	tcgaagatct	ggagcgggaa	360
ctggatgagc	caggacacca	ggtctcaact	cctccaaacg	aacagaaacc	ggtgtgggag	420
aagatatcct	cctcaggaac	tgcaaaggaa	tccccgagca	gcatgcagcc	acagcccttg	480
gagaccagtc	acaaatacca	gtcttggggg	ccccgtaca	tccaagagtc	tggtgaggag	540
cangagttcg	ctcaagatcc	aagaaaggtc	ccgagattgc	aagaatgagt	accagccccc	600
ganggaatca	gccagatgan	ccagaaaggg	ttttgaanca	naaggggctt	aaaaggggat	660
atnaattttc	tggggattat	tcgcca				686

## &lt;210&gt; 2009

&lt;211&gt; 1187

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

## &lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1187)

&lt;223&gt; n = A,T,C or G

## &lt;400&gt; 2009

ntcactnttt	cgtntctgac	acnacnntnt	cnacnnngnc	aacnctgacn	tnactaanna	60
aacgcantct	ncgntcatac	tnctcctntc	gntatacaag	tcgcatttcc	nctaaactcnc	120
actcnnncna	tcgcgcncang	nngnagtaac	cnnnnaccac	annnnaanna	tgatctcgnn	180
cccngtattn	agggngnaac	cgtgngtcaa	tataanaccn	annagcnccc	nnaatcngnn	240
natectannn	cnaancanct	nnatatangt	actnatcatt	anatccctta	aacntaanmn	300
naentnnnaa	annaacgggg	nnnnantntt	aaaanttang	anatcgancn	cataanacnn	360
ncanntactc	ctgnnnaang	ncanatanaa	naatangcaa	tnanntcaan	nagtanacan	420
cnntnncann	gccctgataa	naatntantc	nannnctntt	accantcaac	tgncanaaan	480
natgcnacna	antnaccan	aaataagntn	aacntactcn	tnactnctnn	nantctantc	540
attnnnngnn	ntaaancnct	gactatnccn	atactnnncn	ttnnananta	nnnatataan	600
nnctgtnttt	tacnctttnc	ccancaannt	tcnntcncnc	antncannac	tgaatcanca	660
anatncannn	ccntntntat	cannaacttg	aactnagnan	atcnanncaa	tatnatnnta	720
natnnctgac	aantaannna	gcattgaaaa	aagncntcaa	tantnttnan	ncanacanta	780
nnataaagcc	tgngnattac	anntatcact	nttacanaat	nttanatcca	aataanaaatt	840
naanaannnn	ccactaannt	gcaatncaat	nnaaattntt	anntctaann	ntnaatnatc	900
nnaaatnaaa	ctnannaatn	anaangnant	cgnannaant	nncnaccata	actaaanctn	960
ncatantnnn	tatnccttcc	ncncnnaaac	ntnccnacct	gaatccatan	aataatcnan	1020
nnnnngncac	ttntntnann	nananagcnt	nntcanantc	nngtaatnnt	tcantctntt	1080
tnnagcaatc	tatnannana	nnangnatng	gnnaaaaaac	tnncancaga	nanncttccc	1140
nacntttatc	gnnantcaaa	ncaagacnnn	gttantatta	nacaccc		1187

## &lt;210&gt; 2010

&lt;211&gt; 1055

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

## &lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1055)

&lt;223&gt; n = A,T,C or G

```

<400> 2010
tctnnnnntn tanaattntc nacnttncnt tatnaannntn atatchncnt cntaagtact      60
ntntnagggc naannaannt ttaaanntcg cccctnttcn nntttaatat ntnttnnatt      120
tccttatnaa aatatnatac antcgggggnn tnatcatat ancnaagtgg nanagccacc      180
ntttgaaagc tctgatgtaa tttnaaaaag aaatcaaatt annggggggg gnttttanag      240
aaatnctcc naagcttnac angnttggtt atnggcatta tnnntntaac tngtgnntta      300
tnattcantt natanaggcc ntantnttcn agatnaaact caatnntntt tttnnatnnc      360
tnnannttna tatattannc anttantana tanattctnn cttnaanaan ncgtnnantg      420
annncnnta taaatcttnn tttntnnnnc ncttatanac ttntantcatg nncnatnntt      480
aatntnttaa caaaangtnc attcngnttn nnntannana aaatnancnt tanancancg      540
nncnannttt gtaaccaana tngggntttg ggnttaaaca ncaccnnatt tttttaaatt      600
ntnctnttna ccaatgnttn ngntgggtctc nantnatgga naaanncnnaa aatcggttna      660
cattnctgnn tntncantna tnnntnccca tangcaaan cnctaangna tnttttgtga      720
tctnataaaa cennncaatt cattcnggga ggctaaantc acaanntnt atgnagcant      780
nntatanttn tatttttatn acccangtg taccataaaa tangcatatn agaaaannac      840
accnccanc ttnggatana caaantcnac atagtcgcaa gagaaaaaat acatcctntt      900
tcncaaaaaa ngatcggttna nnantnaaaa aacncacaan attntntcnt atctnacagc      960
tccactcnna nanagaaaan ataagaggga cgtnattatn nctagnaata gtntattatt     1020
ncactcnttg tgnnacctcc acncngtgtn nttnc                                1055

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<210> 2011
<211> 673
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(673)
<223> n = A,T,C or G

```

```

<400> 2011
gttcgattcg cactaggtgc gtctagagga aatgtactgt tttgcagata ataagtattg      60
atcagacatg catttttacc tctgctgtgg gatttttagtc tcattacttt gttgatctac     120
ttttagttaa acctagagaa gttaacacag ccattgctac agagctttct gccacttgag      180
ttccagaatt ccagaatcca gtttcctagg gattgtgggg agtaaaaaga ggtatagggt      240
atggtccctg tatgggagca atacagtctt tattgagtag tgtctatatt gtcttggtta      300
ctcagggtatt tcatatatac attaaaaaaa ccgacaataa aaatgaacat atgaaaactt      360
ccttatttgt gatacatgag taaatgttga tgagattaga gaaggggtcc aaaaaggttt      420
ctctgaggat atgagttgag ttgcccatca ggatggattg ggtagtggat gctgatgtgg      480
gcaaacactg gaatagacct cagatgctgc atgatgtgcc tgtgtaacac agttgaaatt      540
tggtgatcaa ngggacatat tacagcaggg tagggcaacc cgnctaaaaa atgacttggg      600
gtcctttaat tgggttatgt tgnacatggn ggaaagaaga naaggccccg aaatgaccat      660
ggcatanaaa ata                                                    673

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```

<210> 2012
<211> 678
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(678)
<223> n = A,T,C or G

```

```

<400> 2012
ntncgaattc gcnggaggga atctccaccc tgtgctgttt ttanacaata tataataaaa      60

```

```

gccaacattt attcagcact gaagtatttt atacacattn gctcacttaa tttttacaac 120
aaacctgtgt gggaagtact gttataatta atcgtcattt tcagataaga aaatagcagc 180
tgaaaaagta aaaataattt cctcaaagac agccagggtt taaatcaggc ctttctgatg 240
tagaccatgc tcttcaactac cacagagttc catgctactt tcttctccctc tccctcctct 300
cctgtccctg ctacacacac acacacacac acacacacat gcacactcac tcacacacac 360
taggaggaac aaatgagatc attcacatga aagcacttat gtttctgaaa ttttaaggac 420
tgtgggtttt atctaggntg acctctcaag ctaaaaactg ggaaccagaa taatggactg 480
aaacttgggt ttcacttcca gaccagtgtt gatcctctga attgatgaaa ctgtatagat 540
tccctctctg gatgcccctg ctaacatgga ttccctttca ctcaattcct aatgcaaata 600
tttgctgacc actgnttaan aatgttacat gcctgcatta cattggatat tttactattt 660
ggggggttng tntaactt

```

678

&lt;210&gt; 2013

&lt;211&gt; 658

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(658)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2013

```

naggngttga gaaccgagct antaaatcaa ccagtcagan aggccctggc aaatgtagcc 60
tacatcatca tagagtccac cgaggagggc acgactgaat atggcttggt gaaggactct 120
ctatttctgg tgcacctgtt gtgttggtgt gccatcctct tcccagtggt gtggccaatc 180
agacatttac aagaagcatc agcaacagat ggaaaagctg ctattaactt agcaaagctg 240
aaacttttca gacattatta cgtcttgatt gtgtgttaca tatacttcac taggatcatt 300
gcatttctcc tcaaactcgc tgttccattc cagtggaaat ggctctacca gctcctggat 360
gaaacggcca cactgggtctt ctttgttcta acggggtata aattccgtcc ggcttcagat 420
aacccttacc tacaactttc tcaggaagaa gaagacttgg aaatggagtc cgttgtagaca 480
acatctgggg tgatggaaag tatgaagaaa gtcaagaagg tgaccaacgg ctccgtggag 540
ccccanggcg agtgggaagc ccgtgtgaca naaccaccc ttgaggatgg cctgtccaag 600
gaaactggta acttattcat agtcctattg ggacagcagg agcagcttct acaggnga 658

```

&lt;210&gt; 2014

&lt;211&gt; 669

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(669)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2014

```

ttnnnnnant ngccgagggtg acattgtgat ngcanganan gntaacaant tattaatata 60
aatagtactg tatatgagag tacacattag gaatgctgtg ctttaatgca taaacatggt 120
tacagtgggtc cacatgtgcc aggagatgtg ggaatggcta cccctgaagt catatggaga 180
aatgggggtcc tcatcgaca ccatacaca acatcatctc acaaatggat taaagacact 240
taagacctga aacaaaaaaa actcctagga gaaaacacag gggaaagctc catgacatca 300
gtttcggcga tgattttttt ttggacatga cactaaaaga acaagcaaca aaactaaaag 360
taaacagggtg ggattacatt gaagtaaaaa gtttctgcac aacaaggaa acaaccaaca 420
aatgaaaaa cgaacctgtg aatgggagaa aatacttgca aactgtatat ccagtaaggg 480
gttaatatcc aaatacataa ggaactcata caactcagtg gcaaaaacca aataccatt 540
gaaaaatggc naagagccat agtagacatt ttttcagaga agctnttcag atgggccaca 600

```

ggtatatgca gangnctnag catcnccatc ccagagaaat gcngtcccca cagtgaagctg 660  
tcaactggtt 669

<210> 2015  
<211> 689  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (1)...(689)  
<223> n = A,T,C or G

<400> 2015  
cnncacnag agntgtgngt ntntgcnagt cnattcacct cntatncccn tacgtgtngt 60  
nntanccagn actctnnaan tgacctggtg atnaagngac ggctgncnc tgtgcnaatg 120  
ttnggggnca anggagcnat ttatnatcan tttntaaac ctggtgnaat cantntgcn 180  
attgtggata ccaccaant cccatgtntt nanggaaagg nanntctctn tcccantcca 240  
aaatggcctn nggttggaag gncatgnanc ctacgcctnt aananccaga aattngtngg 300  
ccctgcatgc antgtgncaa nangaccngt gctngnaccn ttnagccac ntgntanncc 360  
nantctacta acgcttgag nncacccggn ccatggtngg cagtgnctgg gnaananatt 420  
ctactnagg angctgccgn gctnaaaang gggcttttac ccccnagacg ggaattgtg 480  
gggaanngga ggagnnnnan naattgnngc ttctgggctt ggggcaacca nganntggaa 540  
aacttttnt tcnatcccn ctcttttag nnaaaaaaa ttngnnataa aaccnccca 600  
naaataaaaa anntttccna atttttngt tcccngggca aaannantnn ntttatttt 660  
ntgnatcaaa agnaaanttt tntcgnctt 689

<210> 2016  
<211> 670  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (1)...(670)  
<223> n = A,T,C or G

<400> 2016  
ttntcgattc gcacgagggn acccacagct ctcatcagaa gcagacacag atactttttg 60  
taggaaaaca tctctaactt aagcctgtag gattcccaaa gattaaaagc aggcaaatat 120  
gaattcagtc aaatcatagc attcaagtag tctcaacca acatatttga gaattgttag 180  
aaacaatgaa tatgtttccc aaagactagg ttttggaatt atcagataca gaacacagac 240  
ttcaaatatt agaattgtga gaaaatagtt acatgtcaaa cctaataataa aagaaagatg 300  
gactcattaa attgagcaac agaaaggcca ccaggaatga ggaggaggac ctgaaaagaa 360  
aatggatgaa ctagaactta cagaaataaa atatatagtt gggctctggtg gctcacacct 420  
gtaatcccag cactgtttgg gaggccgagg tgggaggatg gtatgagccc aggagttggg 480  
gagacaagcc tgggcaacat ggtgagaact cgtttctgta aaaaataccc cacaccccca 540  
aaaaaaaaaa aaagtccttg ggtttggggc ncgtntntgt anccacntn gncngngngn 600  
tgngnggggn ggatccttg nctagggggc aagggtctnga ttggccttcc cctggaaccn 660  
ancctggggg 670

<210> 2017  
<211> 718  
<212> DNA  
<213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(718)  
 <223> n = A,T,C or G

<400> 2017  
 ttttcgattc ggcgcgagac ncacngagag agagcncgag agagagagag agagagagag 60  
 agagagagag agagagagag agagagagag aganaganag agagagagag agnnanagng 120  
 agagagngan agagagagag agagagagag agtctctctc tcttncgnet ctngctntct 180  
 gtcttnnctc ccccccanat agagnnnnct cctcgttctt gggggngtcn tcnctctcta 240  
 ccnctcttgc gncggatctt tntctnatac cgggncnctn gteccnctnt gtnagntcan 300  
 ccnctctntg tgncccccctc tctnnacgca ctctcactct gtntttgtga gnnntaaaga 360  
 tcnatcttgt gtgggtgngn gtncctttt tgctnnctt cttttnttna anntgccttc 420  
 nctnnacctt ttctcncttt tanatgccac tctctntncc tgnngcncctc ccennanggc 480  
 gggganatat atatngtcc cncnncnccn gentgaaaca cnnngctctc tcctntgggg 540  
 ncnggcaagg tccccctctc tnttntctng gcccccccn gaaaangggc ttccggggccg 600  
 ccncttttgg cagccccccc ttccccccc angaccttg gcttcgtgaa gtggcgnttt 660  
 gggtncaggg angccccccc cncnctnttt tccnntctta agggcttgga gattcccc 718

<210> 2018  
 <211> 683  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(683)  
 <223> n = A,T,C or G

<400> 2018  
 gtttcgantc gtgcgaggaa accctatgtg tgtgataggt gtgggaaggc cttcaggaac 60  
 agctcaggcc tcacagtga taaaaggatc cacacagggt agaaacccta tgaatgtgat 120  
 gagtggtggga aggcatacat ctacactca agtcttatca atcataaaag tgtccaccag 180  
 gggaagcagc cctataattg tgagtgtggg aaatccttca attatagatc agtccttgac 240  
 cagcacaaaa ggatccacac tggaaagaag ccataccgat gtaatgagtg tggtaaggct 300  
 tttaatatca gatcaaatct caccaagcat aaaagaacct atactggaga ggaatcttta 360  
 aatgtgatat atgtgggaag ttatagtggc acatcccaga agagaacctc tgagggaggg 420  
 aatgccctgg atgggggcag gatgaggatg cctctgtagc aggcagagct taccaagtct 480  
 ntccgaactc aaatggaaga aataccttat gaatgtaang aatgtanggg gtcattgctt 540  
 gtaatttacc cagngttaat gaaaccatcc tagaggatta ttgagggaaat cctttctatg 600  
 tganttttca atcatancaa ngcaagaaag gcttcccntg ttcaagggtan ttcancctnt 660  
 tacagggata ttaaaccagc ccg 683

<210> 2019  
 <211> 1120  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1120)  
 <223> n = A,T,C or G

<400> 2019  
 gcattgcata tggactcaa gttgtgttgc gtatnagctc acaggagngc nagttcngga 60  
 ttttatacat cttttttttt tttttgnaaa gggaaannnn ctntgncccc caggngnag 120



ngnngggccn	caannangca	tnanngaaan	ncccgncggn	annaaatatn	ncccnttctt	180
tggectaacc	cncnnnnna	ncgggaanaa	nnnggcnncc	aaccaataaa	ngaccnggga	240
naattttatt	gnnttntnna	annannnann	aanacntntn	nccaccnatn	cnnnnctccn	300
cangaactcn	cnnttaacnt	ncttaantnn	cntccntta	nnnancnna	nnngcatcna	360
aacatcnct	cnnncacana	ccnaancaa	taaacnnana	gtggttnna	naactagggg	420
ancangcncn	nncnagancn	taaaannnaa	ttacttcac	annatcatct	atntatctat	480
aacacanang	ctancnttat	tnncnttctc	tntnccganc	nncacancn	acacatagcg	540
cnatnctcag	cncatcnnat	anngtnnagt	acttcacnga	agancgcgnc	ctcnacanag	600
tatagaganc	atngntngag	angacaanan	ancncgatna	taacagtana	tcntntngta	660
cancgnagnc	cncggcatat	atncacccga	tcnnnngcnc	acnnancana	tnacncccg	720
tnagnataca	aancanaaaa	cntcgtnncn	cnctancctca	annntaaan	tgcnncatcn	780
cngngtccac	cncacantnc	gtcgtntcgc	ancatntnna	cacgtntagc	gatcntgcgc	840
acatatcacc	gcaanncgan	acatactatn	gatcgacnc	nnaacngggn	tnntcancga	900
cacancctacc	atncancann	cgtnnaagna	ctancanana	nagatggntn	tacncategn	960
ancncactgc	agntcatana	gnganatata	tacttttata	cnactctcnt	gantncagan	1020
cacatntgca	cacacanang	tacatatn	nactagnaca	cgacatantn	tntatanata	1080
anncanacnc	actgtacaca	cactganata	tcgcataanc			1120

&lt;210&gt; 2020

&lt;211&gt; 1361

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1361)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2020

cantaanann	atannncgtt	ncnnacttac	caacnnegta	cttaegaatn	tnctaagntc	60
tnacaaaaac	ncgnacttgc	agtcnnnctc	tnctcanaan	aaaataantc	tactccncca	120
actntatcng	cntctaacgn	catctctca	tatcacncat	ntctcaaate	taancatagc	180
tgctnantca	nttatcatntc	ntnatnttta	gtnnnatatn	ntncatcact	cnnctcancn	240
ngtnntcnca	ntntnccgna	ntcgccacn	nanngtnaat	ccctnatggg	acncccccc	300
agctnccctn	ntacttnatc	gtgcancntc	anntaaantc	attgaangat	ntattctaca	360
nacntanttt	anccnccaat	nacnaaaagg	ggnatttnna	aantatcaca	cnttaacnca	420
tnnanctacn	tnananccct	anaanant	tcactcnctn	tcnttcaatn	cnnctcaac	480
acttaantnc	ntannnacn	tnntanntcg	aacctnanct	nnntctgac	tgtntnana	540
tnnncattan	aaanncnncn	naannantaa	ntnannant	ctaanctntt	cnaaannnta	600
tnnnnatncc	tnctttttnt	ntatntnnaa	cnnntnacn	tatatntttt	tcaantcaca	660
atnancaaca	catattatna	nnactnttaa	nnctnnact	acaatctana	acntnatana	720
tanannacat	nanattaata	ccnnnatga	cncgttttnn	anattatnnn	tatnannann	780
ctcnattnac	cnanagtca	anantcnatc	tncnacttnc	ggagcnnaga	ataaccntaa	840
tcnntctctn	tantcnnnta	tnnncacatc	catcnangta	gtancacnct	acaancctct	900
naacangcac	angtaacgcn	ctatatntca	taanntcata	actnntcact	acacntnca	960
natctnactn	cgntatnaat	anantcgact	atatctctnc	anatnganta	ctngancact	1020
ntnatnccnt	naccctcact	nngatntncc	cntacacgcn	cntagannca	acacattcng	1080
atanactcac	ngntntnct	agcnatctca	catatctcat	ctnaccncnc	atcannncn	1140
aatncancnt	nncnnanctn	netatctnat	atntacaann	cntttatnac	tcacgtcnnc	1200
caaanagatc	nacatttaan	nncatnanc	ntatctnaca	canatacatc	nnatnncn	1260
tcntacacn	ttgggatata	tnatctcca	cgtnaganac	atcgccatat	ctnccgaatca	1320
nntnnctca	tatctnatna	cntacaccnn	tcnagnann	c		1361

&lt;210&gt; 2021

&lt;211&gt; 845

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(845)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2021

atatacctttn	aactcnngtc	tttttgcagg	atcnnnnnnn	tcgaattcgg	nacgaggatg	60
cacgggcact	nngngngntt	tngeggccac	tctgagtnag	ancatccagn	tggcggtgga	120
actgaaggnt	tccatgnggg	acctctattc	cttctcagct	ntcatgaaag	ccctggaaat	180
gccacanatc	acaaggttag	aaaagacgtg	gnctgctctg	cggaaccagt	acacccaaac	240
tgcctttctc	tatgagaaac	agntgaagcc	cttcagcaaa	ctcctgcatg	aaggcagaga	300
gtccacatgt	gttcccccaa	caatgtatca	ntcccactgc	tgatgccgct	tgtgacgtta	360
atggaccgcc	aggctgtgac	ttttgaaggä	accgacatgg	tgggaaaaaa	acgaccagag	420
ctgtgaaatc	atgcttgaac	catttggcna	cagcgccnat	tcatggccga	ggctgcaaga	480
cagctccgga	tgaatgctga	gaggatctgg	canggtttca	acccagatga	angaaatgaa	540
tgaaaanttg	caagacntga	atttnaaatn	ccaattgctt	tgggggcnag	ccaaaagggtg	600
ccccaaantc	caattcaana	cnnacagagga	ttttgaggaa	acntcaaccn	agatttttaa	660
ctggcccctt	ttcgccgtta	aaatngggaa	ncctcccccc	ctgntaaaag	caaggccaga	720
acttttttan	tnactcttcc	annaaaaacc	ccnttnanaa	tattcntttt	naaagnnttc	780
cccncccttt	aattnttttn	gggaaaacct	tacntgtttt	ttggataaaa	anaatnatgt	840
nccaa						845

&lt;210&gt; 2022

&lt;211&gt; 805

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(805)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2022

tataccttcaa	ctcttgtctt	tttgcaggat	ccnnnnnnntc	tnttcnnncn	agggcagact	60
tctcatccgt	aaaatnagga	agataacatg	attccaaggn	cgtnnnttng	gnttaaagga	120
agtcatgctc	ctaatttact	gcctggcaca	cagncagtaa	aangctcaat	ncattnatgg	180
aaggaatgaa	ggncctctggc	agaaaancag	gtcanatgtg	tctgntgtgg	acaggtggct	240
ctgtcgggtgc	ccggtgagtg	ccctgggagt	ctgcagtcac	ctcctccgca	gccgtgtccc	300
caggctcaca	ggagccacct	caggtgggaa	gctctctgcc	agccttggga	agaccagact	360
cacagctcca	agccacgtgt	gagcanggag	tgcttgcac	ccanaaagtg	tctgcctcag	420
caggctggag	attgggatcc	ccctatgaaa	tgggtgggtg	tgtgggcact	aaaaaaggaa	480
gattggctct	gtttcaanaa	acttttaaaa	ttcactgtac	tggtttttat	tattaccaa	540
gtaatgtatg	ctgattatag	aaattttacc	ccnnnccnc	ntnccnnncc	ncnnncnnnn	600
nncnncnncn	nnetcnncn	nnnnntnnnn	nnncnncnnn	ccccnnnnna	aaanccccnc	660
ccccttaaaa	aatttggggg	ggccttttnc	tcnncncccc	ccccctnnaa	acnncnccntn	720
tngggnnntn	gggccccccc	ccctcttga	anccgcnggg	aaaaaanantt	tttttttttn	780
aaaaanntcg	ngnaccnncn	tcttn				805

&lt;210&gt; 2023

&lt;211&gt; 1335

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

<221> misc\_feature  
 <222> (1)...(1335)  
 <223> n = A,T,C or G

<400> 2023

aggggnggng	gngacntng	ggngnnnagc	ggggggccnnc	aaanccanan	cnatngggat	60
ctggggccac	tncnnnnnc	gacncttat	ncgnngangt	aggaananeg	gnagtnaaac	120
nccgccccaa	cgagaganga	cggggggggg	ntnttttcta	tgtctnnega	acgennngnc	180
neccnccnta	tctnccgcct	ccntancaca	catatgtaga	nncactantn	cntactacan	240
cncgccncat	nnnngcatgn	nngnganctn	cgancnngnc	acacannggg	gntngagtac	300
ncanncgga	ngataagngc	acnantngng	ccatgnncnn	aaaaccggac	ntggcgcncc	360
cannagacac	ggagagtngg	cctgncaacn	gncgnacana	gngttgctnt	nnangccccg	420
canacnctta	nagcacngca	ccnagaggng	angcggggac	acaaacgngn	acccgnggan	480
cgggagcgga	tnganngaaa	nctcgggaaa	agganggnan	caatncnaan	cagnntagng	540
nggcncninn	cncnancnc	ngtangnacc	tgannnccgt	accactncnc	gccatgtgaa	600
aacgttnngag	tnnaaagacn	acggnngegg	anangnatcn	actccgcccc	gntnnacgcy	660
cgacgcacnn	agactcgann	ccgcgcaatg	gncgcangnn	aanncnctg	cgngngntaga	720
catgagcgaa	tgannncacg	ggcagataca	cangntngcn	cccgggatat	ngcacccecca	780
nccnatnnnc	ctnnncgceg	cacganntan	cccnncggc	gantcaagat	gcnetatccn	840
caacnaangg	nccnncnanc	atngantnna	ananagagnc	ngtatatctn	ctnagggaaa	900
gcaanatnca	cacaagacgn	ancgnntgac	tgccaccacc	gtgngacaca	nnntntcgat	960
ancgctnatn	ccntacntg	nnganttnge	ntncatntgc	gcggaancnc	gactnntaat	1020
gaancncngc	cgcnngcnnat	ancncacgga	accgcaatac	ggnnncgcgt	acngngacga	1080
gagacgccga	natannaccg	ccgaatggtn	annaccant	ngntgncnac	tnnaggnncn	1140
accnncnanc	gtggtgnnct	cgcannaaga	tnnecgtntcg	ccnntncnc	nccnncnccn	1200
tgagnatgcy	ancgncccac	ggaccccgcc	nacganacan	ncgnnccncc	ntcaaaaaacn	1260
cgncngcgcn	nnccacnncg	cncgngnngt	gnanangtac	agcntttacc	gcggaagcng	1320
gnntntntn	agagn					1335

<210> 2024

<211> 877

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(877)

<223> n = A,T,C or G

<400> 2024

ttancctttn	aactcctgtc	tttttgcagg	atnnnnntnnn	ntnganttnn	nncgagccta	60
agcaggcntc	tgcagcnttt	tntttccaga	aaagaaattc	tcaaactaat	ntnaactgag	120
gaagtgaag	aagaaantct	taaaantgtn	ttatctgaan	ccccanctat	atgtcctect	180
caaanncntg	aaaaccaaag	gccaaagacc	gggttccagn	tgtggttaga	agaaaatnga	240
agtaatat	tgtctgacan	tcctgacttt	tcagatgaag	canacataat	aaaagaagga	300
atgattcgat	ttagagtatt	gtccaactgg	aagaaaggaa	aggtgtnggg	gcttaaccaa	360
agcccaaagg	gagaaaacgg	cnaaggtnga	aagggaacct	ggaagccaaa	agnaagccga	420
aaaaccgtgg	tnggttgat	ggaaaagggt	gatggaaaac	acnaaaaacc	cngggnaaag	480
aaaaaangcc	aaaaggagaa	ccctggaatt	ttggttctta	aaaagccaag	aaaacccttt	540
aagatttttt	cttaccaaat	tcaaaaaacc	tatccagctt	tttgcccttt	taaagcaggg	600
agttaaangg	aagaaagtga	cccctagggg	aagtcatngg	atTTTTTTTT	tactcnctt	660
tttgaatata	gactcgagtc	tttggggaaa	cntcntcttt	tatatctctn	ttaaagaagt	720
ttggaagccn	cctgtttggc	ctttataaga	ntaangnagt	aatttatattg	gnngtaggnt	780
acnnggentn	ttgttnaaac	ctntcatttt	tgcanaattc	ttctgcctcc	aaattgcngg	840
gncttncana	gatgcnttgg	ggattgcant	tnctgnn			877

<210> 2025  
 <211> 708  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(708)  
 <223> n = A,T,C or G

<400> 2025  
 nttcntnggc tgcattattac gctcactatt atcaacagca agcacagcca ccaccagcag 60  
 ccctgcagg tgcaccaact acaactcaaa ctaatggaca aggagatcag cagaatccag 120  
 cccagctgg acaggttgat tataccaagg cttgggaaga gtactacaag aaaatgggtc 180  
 aggagttcc tgctccgact ggggctcctc caggtgggtca gccagattat agtgcagcct 240  
 gggctgagta ttatagacaa caagcagcct attatgccca gacaagtccc cagggaatgc 300  
 cacagcatcc tccagcacct cagggccaat aataagaagt ggacaataca gtatttgett 360  
 cattgtgtgg gggaaaaaaa cctttgttaa atatatggat gcagacgact tgatgaagat 420  
 cttaatTTTg tttttggttt aaaatagtgt ttccctttttt ttttttttnn aaagngnaca 480  
 aaatTTTnat cnntcnngtn ggggggttaa tttttttgng naaaaannaa aaatgggttn 540  
 gtttttantt ttanaggggg aaaangcncn ctttcnccc aaatgggttt tngcnaattt 600  
 antggggng gnnncgcntt tgggnaaaaa aaaaaggnc nnttttttaa aggggnaaac 660  
 ntccccntt ttaaaaaaan gcccgnttt tggngnttt aaaaaaa 708

<210> 2026  
 <211> 673  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(673)  
 <223> n = A,T,C or G

<400> 2026  
 gtttcnctga ctnttacctt caagtatgga aatnncagtg cttcaggaat agaaatcttg 60  
 gcaatcgaaa ggtatttgat tccaaatgca ggggatgcaa ctaaagccat aaaacagcag 120  
 atcatgaaag ttttggatgc tttggaaagt taatataaaa gaaaattata taaaaagaaa 180  
 ttaagacaac caagagaaac atggacatat acctcctgac tgaatactaa ctggagacct 240  
 ttcatttgct catggggctg cttaaatagc aggtctaaga aagtgtaaat tattataatc 300  
 aatctgtgga cagtaaaactt tttaaaaatt tttcttctgc attttggttt tataaaatga 360  
 tgtattataa aggtcagtta ttaaattact ttgaagtaac tgacctgtg cccttatgga 420  
 ctaagtaagg gtacagaatg cagttctgtt ttgaagagct gttttaagg aacatgcac 480  
 actttcgggt tcaaaaaaaa ctgtacacat acatatctgc agtgtcttca ctgaaaatta 540  
 gagatagaat tagttgaaga gacttcctta attgctacat tgttttactc actgagcaat 600  
 atcagaaact aaaaacatag attaataatt cactcactgg ttctattctt cttaaaaaga 660  
 gtgaaatctt tta 673

<210> 2027  
 <211> 678  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(678)

<223> n = A,T,C or G

<400> 2027

ttttcgaatt	cggcgcgag	anngctccac	gtgtagctga	gctgcatgca	ccaggcctca	60
gtttgcccc	agtccctgt	gtactctctc	atggcctgtg	gccaagaaat	gtattctctc	120
actttggact	taggagtc	aagagaagcc	cagaaacaaa	attgcttgaa	cttgaatttg	180
tgtgcgtg	cacgtgtg	cgtgggtgtg	aagggtgatg	ttttcggctg	ttctatgcgt	240
cactgtcacc	aaactccaa	ataatagtaa	catttggtta	gatgatgtct	gctgacaaat	300
cacaaacacg	acgctaactc	gcaactctct	gtccactgg	cacagaatag	ggcatggagc	360
ctgggtctgg	gtgtcagccc	atgggtgttg	gtgtcagttc	acaggctggg	taagggaggg	420
aaaataatcc	attctttgat	attagacatg	acccaaaatt	tcctgctggc	agccaaaggc	480
ctcctcgctc	agagaagtca	tctgaaaaaa	gctagcccag	gggcaggaaa	gggcctcang	540
ctggcgcccc	aaaaaggngg	cccacagtc	actctgggaa	gacagataga	catcgtcagg	600
tctcttttta	caagtcaaga	cagtaaaatc	aaaagtaata	gtttctggca	ggaanaaana	660
aaattgctgg	anccgttg					678

<210> 2028

<211> 698

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(698)

<223> n = A,T,C or G

<400> 2028

nntttcgant	cggcacgagn	cagtcaggcg	atgnctgnct	cattgccttg	gttctcacct	60
cagagactag	tgtttcacca	ttaaagtgtga	tatagcttag	tnntttataa	atacttggga	120
gtgaattttt	aactgggtca	tagaggattg	ttggatttca	gcaagtagaa	atcagtggaa	180
attagttctc	cagacacagg	gaagagacac	tagtagtaaa	acaaatggtc	tcctttggct	240
atagattaaa	gggagatagt	ggaacacaca	catttgtcat	gataaccctg	gctcaaagat	300
agaagattaa	aaaaagttat	gatggggcca	aatcatggag	ataagacagt	tgggaataac	360
tcttctttca	gcgctaggag	gagaatggag	ccaacatcaa	cagaattaga	gaagtcac	420
agaaaagtta	gttatgtgaa	ggaatgcctc	ttgtggcaat	tttttaaaaa	ttgcatttta	480
tgatttgga	ctcaccgtct	taaaataatt	ggctcttaga	aatggtgtac	tgctacttaa	540
ccagaaaatt	caggggcaaa	aggggtaaat	gggtgggtat	catttacatg	gttgggaggg	600
acatgtatga	anaagtttgg	aagaaaatgt	tttggantaa	agaataaatt	taaatctctg	660
taccttgggg	tctggggaca	tttgggaaaa	tttggttt			698

<210> 2029

<211> 802

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(802)

<223> n = A,T,C or G

<400> 2029

ccnttgagna	ctangggnt	tnngaannnn	ccantcanca	tgaaactntn	tggcttgcaa	60
gacagggcaa	tagaggggac	cgtcacggag	ncaggccctt	ccacactntg	gcgtgcagna	120
ntgaagcacg	gncacngggc	ctgcctacac	agagccaacc	tntgntccna	caccctcca	180
ctgtaaaatg	agaataagca	ctcaggatgg	tttgtgagga	ttcactaaca	gactgagaag	240
aaatggtnac	ctaggctggc	acatgggaca	ctccccantt	nntctttttt	attttcctta	300

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agcccagnnt naancccttc tncntccttn ggtttctga cangccattt cnnttttaaat 360
tttcactttc anaanttttt aaaatnnnnc naaatttntt tnancatntn aatggattna 420
taaaaaangtn naaatttttc atagtattaa antnntnntt teggncctnt ntantttnt 480
aaacaaaana atttctccnt ttntttcnta aaataaccen ntttttcata ttnnccctnt 540
ngcctttttt tnanttttcc ttcnnnnnan ntntancnt tgnttaactt attntttttn 600
nttcccnan ntttataagt ttttgnnttt ntgtcgtact cncntnnatn attcntngtn 660
ttagtcantt ttcnttttan cttnantgnt cttntctntt ccccnattt cttttnttnn 720
attntanna aanncatatt tnntanntnt atnctctctn ctccctttaa ttaactnact 780
cnccnccctn cntntttagt nc 802

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<210> 2030  
 <211> 822  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(822)  
 <223> n = A,T,C or G

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<400> 2030
ngtgacattg aaggntcngc caangaaaac aagttattaa tacaatacgc tactgaatat 60
gacagtacgc attaggaatg ctgtgntnna atgcataaac atgtttacag tgggtccacat 120
gtgccaggag atgtgggaat ggctaccnt gaaaatgct acttaaatgg ggtcctcatc 180
gcacaccata cacanacatc atctcaciaa tggattaaag aacttaaga cctgaaacca 240
aaaaaactcc taggagaaaa nacaggggaa agctccatga catcnagttt ccgncnagga 300
tttttttttt ngacnntnac ncctatngaa anaannatnc catacntatt ntncngnnen 360
aatccnatnn ncnggaaang ccttttataa gcaatttngc cnttttttng aactntatgc 420
ataactttgn ncnaancntt cggacaaaaa tgggttaantn gttntctcaa ntntaaacce 480
cctcttattg gaantggtn cccacaaaaa atccctngga aaaccnctt naataaaacc 540
tgganngtnc cccangnccc aaaggccaca annngggcgt caanggccct tgnaaantcc 600
cnaaaccana ttttnggaaa ggnnttgann gtccggnnnn gnanntgncc cggaaaantc 660
ggngannngt tannnaaacc cnnctntnt ccnaanantn ggggnnaaan cccccgtct 720
ttttatntaa aaaattacca aaactcnatt taggcttggg ggnggggggg caanntngcc 780
ctnggggggc cccaaatcna cntggggaag ggntnnaaac cg 822

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<210> 2031  
 <211> 674  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(674)  
 <223> n = A,T,C or G

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<400> 2031
nctttcggga tctgcacgan ntttnnttea tctgggtttt gcatgtttga tgtgtttgtg 60
tgtgtgtgcc gtttacagtt ttaactgata ttaagtgaag atagattaat gtcaccagg 120
ttttacaaa tcaaagaaat agaaataatt ttaaagactt ttggtacttg aattactttg 180
ttgtttctg gtcatttagt acatttatgg aacctcagaa gggttgagtt gaacagaggc 240
aagttacagc agttttttgg gtgggagaat tcataagtca gcatgtgaat cttttgatct 300
catatatttg gagtggaaat tcattaattg tgtttgtcac ggtaaggaa tagagaatta 360
atctccatcc cagtcttctt attcttctga aagcctttag ctgccgacac catgggcata 420
aggaggtatc tcttctggct tctctttggg tgtggtagct aagttacagc ttaccttgga 480
aagatgagca gcttgtaagc aacaaaaaaa cagtatagtt aacaaatgca tcgtcaacaa 540

```

acaaaacaac ccaatcaaaa aatggacaac agctttgaat agacattctn caaaacaaat	600
atacaaatgg ccaataagca tgtaaaaaga tgctcacatc attaatcatt agggaaatgc	660
caattaaaat cccg	674

<210> 2032  
 <211> 698  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(698)  
 <223> n = A,T,C or G

<400> 2032	
tntttcgaac tatgttagtt gtncccacag gtgcaggccc tgggtgcttga tgggtccgagg	60
ccatctcctg ggccgcctgg cggccatcgt ggctaaacag gtactgctgg gccggaaggt	120
ggtggtcgta cgctgtgaag gcatcaacat ttctgggaat ttctacagaa acaagttgaa	180
gtacctggct ttctccgca agcggtatgaa caccaaccct tcccagggcc cctaccactt	240
ccggggcccc agcgcctct tctggcgac cgtgcgaggt atgctgcccc acaaaaccaa	300
gcgaggccag gccgctctgg accgtctcaa ggtgtttgac ggcattccac cgccctacga	360
caagaaaaag cggatggtgg ttctgtctgc cctcaaggtc gtgcgtctga agcctacaag	420
aaagtttgcc tatctggggc gcctggctca cgaggttngc tggaagtacc aggcagtgc	480
agccaccctg gaggagaaga ggaaagagaa agccaagatc cactaccgg aagaagaaac	540
agcttatgan gctacggaaa caggccgaaa aanaacgtgg agaanaaaaaa ttgacaaaa	600
taccacagaa ggtntctcaa gaanccacgg gacttccttg gtnttggagc ccaataaaaag	660
aattgtttaa tttcttcaaa aaaaaaaaaa aaaaaaat	698

<210> 2033  
 <211> 673  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(673)  
 <223> n = A,T,C or G

<400> 2033	
ttttcgattc ggcacgagct taatgttttt caattgctca acgaactgtc agccctgtca	60
gatatcatat atctggtaaa attaccctt aggaatgagg gggaataaaa tacatactag	120
atgaaggaaa actaagagag ttgttgcta gcagacctac cctaaaagaa ggctaaagaa	180
agttcctggc tgggtgcagt ggctcacgac tgtaatccca acactttggg agactgaggc	240
ctgccaaagt gaggccaggt ggacagcttg aagcctggag ttcaagataa ccctgggcaa	300
taaaggagg cctcattctc tatttaaaaa aagaaagtcc tgaaacataa aggaaatcat	360
aaaagaagga atcttggaat attaggaag aaggacaaca ggaaagagca aaaatgtgac	420
caaatacaag acegggtatg ttgactcaca cccgtaatcc caacacttag ggagggtgaa	480
gcctgttctc aagaccagtc tgggcaacat ggcgagactc ttgtctctac aaaaaataaa	540
ttanccangc gtggtgtcgt gtgcctgtag tcctagttag taaaggagcc taaggcagca	600
agattgnctt gccaggaat ttgaggtatt gngagccatg atcaatggca ctgcactncc	660
cctgggtgga gnn	673

<210> 2034  
 <211> 677  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(677)  
 <223> n = A,T,C or G

<400> 2034  
 ttatccactc tcaccagcat aatgggaccc agcatccctg ccaaaactcg ggagggtgctc 60  
 gtcagccacc tggcatctta caacacatgg gctttacaag gcatgtatgg agtttcttgt 120  
 gggcttgga ggtggctgtg aaggccatca gtgtctgaag cctgtacttg cccctcccca 180  
 ggtcctgtga gtggagaggc acagagtgtt ctgggctagc tgagtgtgga ggctgggtgg 240  
 ctctgatgct agccaatcac tctacgctct aggcctcacac ctttccacct tcgacttcgc 300  
 cagcagaagt cttgagttca atctcattgc cctggcttgg gtcacatgtc catccatgaa 360  
 ccaatcacta gactgggtgc ggaaagctct gatttgccaa gtccgggtca tgtgtctcac 420  
 taggtaagag cagaggagga tcacccccag ggaagaccag agtgctcttt caagaagagt 480  
 gggacaatcg ctggatggct ctttgcacca ctcaactcctg ttctctgcta agggcttgct 540  
 gggactcaca aaggggtaag gtgtgtggca ctgccctgtt ttgggggttct tgactttggc 600  
 ttgtgtccct gcagggaatg aagtttgtan ctgccactc aanntccatg gngctaacct 660  
 tgggcctgaa tganctg 677

<210> 2035  
 <211> 670  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(670)  
 <223> n = A,T,C or G

<400> 2035  
 ttatcaattc agcncgagga ctctttnntc ctttgcattt tctttctcag tctgatctgc 60  
 ttectgactt cctggaaacc ctccaaattt cttgatttct aatggcactc tttctagatt 120  
 tctagccctg tacgataata ttctttcacc atttcagtgg gcttttggag ggaggcggag 180  
 atccagggtga tctgtctaca ctattcagtc agaaagctgg atgggttttc tcaactgttta 240  
 gctgtgactc atacttagaa agtggtttta atgtgaatat cttagtctctg gttgtacaat 300  
 tgaggtaatc ctcaattcag gttgtgtctt ggacatttca tgactggatt taaaaatatt 360  
 tttaaggcca ggtgcgggtg ctcatgcctg taatgccggc actttgggag gccgagggcg 420  
 gtggatcacc tggggtcggg agttcaaggc catcctggcc aacatgctga aaccccgct 480  
 ctactaaaaa taaaaagact atccggcggt ggtggcgggt gcctgtaatc ccactactgt 540  
 ggaggcagga tggatcactt gaatcccga ngtgggggtt gcaatgagcc canaaccgtg 600  
 ctgctgcctt catnctangt gactgagcac tacttcatte taaaaaaaaa aaaaaaaact 660  
 cggcctttta 670

<210> 2036  
 <211> 682  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(682)  
 <223> n = A,T,C or G

<400> 2036  
 ttttcatgga atttactttt cttctagact ttcttttgca atggaacgtt gctttgtgtg 60  
 tgatttggtg gaataacaac caatacacia tgagcagctt aatgtgtagt catttgggtg 120



tctgtgttca	agtgtgaaat	ctctatcagt	gcccaatagt	aagccagggt	ctgcttttca	180
tatagaaaat	ggttgctgac	agaagaagat	gtggccgtac	tccagggtgg	ttctctatgg	240
aggcttgtga	gagtccttat	acagcatcca	tgactgccac	cggcacttcc	aatacatta	300
gttatcctgg	taataagagt	ctcactcaaa	agtagcaacc	ttacaagtta	attaaattgg	360
tcatttcagc	tcattgagct	gtggtatctg	tcacctcaaa	aatgcagagg	cgctccaagt	420
cttgcacctc	cttgcaatgg	taacatttgg	gtagagctat	aatgaagtg	agaaaacaag	480
ccnnnnnaan	gaaaaaana	naaannangg	gaaaaaaaaa	aaannanaan	nnccccccc	540
nttaaaantt	nngggggggg	gtttttccng	aaaccncnt	tnnaaaaaac	cctttgggng	600
nanntgggcc	anaccncnc	ntaaaaanan	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	660
nnnnnnnnnn	nnnnnnnnnn	nc				682

&lt;210&gt; 2037

&lt;211&gt; 670

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (670)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2037

ntatcattcg	acgagggcaa	aggaactaaa	gaagccta	gaagacatgt	gcttagcaga	60
ccaaaagcct	ttgccagagt	tgcctcgtat	tccaggactt	gttctctctg	gaagtacatt	120
ttcagactgt	ctcatggtgg	tgcatgttctt	acgaaacttt	ggtaaaagttt	tgggctttga	180
tgtgaatatt	gatgttccaa	acctgagtgt	tcttcaagag	ggattgctaa	atatagggga	240
cagcatgggt	gaagtacaag	acttgcttgt	gaggctctc	tcagctgctg	tatgtgatcc	300
aggtctaata	acaggataca	aggctaaaac	agctcttgga	gaacatttgc	tgaatgttgg	360
tgtgaatcga	gacaatgttt	ccgagatttt	acagatattt	atggaagccc	actgtggaca	420
aactgagctt	actgaaagtc	tgaagaccaa	agcttttcag	gctcacactc	cagcacagaa	480
agcttcagtc	ctggctttcc	tgatcaatga	actggcatgc	agcaagagtg	tggtcagtga	540
aatcgacaag	aacattgatt	atatgtcaaa	cttgaggaga	gataaatggg	tggtagaagg	600
aaactncgca	agctcagaat	cattcatgct	aaaaaaacag	caaaaaaaca	cttcagggtg	660
cattgatctt						670

&lt;210&gt; 2038

&lt;211&gt; 677

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (677)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2038

gttcattcgc	acgagggggg	ttcaagaacg	tgcctcttgg	gaaggacgct	cgctacttgc	60
acttccctgga	aggcaccggg	gactatgagt	ggctggaagc	actgcttatg	aatcagacgg	120
tgatgtcaaa	aaaccttttc	tgggtcaggg	acagacccca	ggaagctttt	cggaagccc	180
tgacatgga	caggtaacctg	ttgctgcacc	cagactttct	ccgatacatg	aagaacaggt	240
ttctgaggtc	taagaccctg	gatgggtgcc	actggaggat	ataccgcccc	accactgggg	300
ccctcctgct	gctcactgcc	cttcagctct	gtgaccaggt	gagtgccttat	ggcttcatca	360
ctgagggcca	tgagcgcttt	tctgatcact	actatgatac	atcatggaag	cggtgatct	420
tttacataaa	ccatgacttc	aagctggaga	gagaagtctg	gaagcggcta	cacgatgaag	480
ggataatccg	gctgtaccag	cgtcctggtc	ccggaactgc	caaagccaan	aactgaccgg	540
ggccanggct	gccatgggnt	tcttgccctgc	tncaaggcac	angatacaag	tgggaatctt	600

tgagactntt ttgncathtt nccatggntt anactaaact tcaagccctt taggaagttc 660  
caagggaaca ctttgaa 677

<210> 2039  
<211> 677  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(677)  
<223> n = A,T,C or G

<400> 2039  
aggtgagcct agggacccat ttctcctcct ttgacagga catcagtga gccttctcag 60  
acccacaggg gtccttggtg aattttgtca tggttattta aggaaccttg cctagaagtc 120  
ccaacttgca gttcccatc gacgggaagg cttggactcc aagatgatta taaaggaata 180  
tcggattcct ctgccaatga ccgtggagga gtaccgcac gccagctgt acatgataca 240  
gaagaagagc cgtaacgaga catatggcga aggcagcggc gtggagatcc tggagaaccg 300  
gccgtacaca gatggcccag gcggctctgg gcagtacaca cacaaggtgt atcatgtggg 360  
catgcacatt cccagctggg tccgctccat cctgcccag gcagccctgc ggggtggtgga 420  
ggagtcttgg aatgcctacc cctacaccgc aaccagggtc acctgtcctt tcgtggagaa 480  
attctccatc gacattgaaa ccttttataa aactgatgct ggagaaaacc ccgacgtgtt 540  
caacctctct tctgtggaa aagaaccagc ttgacaatcg acttcacga catttgtcaa 600  
aagacccttg ttgcccaca accgaggtnt taagaacaga aagaaggacc cccaagcttg 660  
ttncaagtnc aacaaaa 677

<210> 2040  
<211> 686  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(686)  
<223> n = A,T,C or G

<400> 2040  
ttttcgattc ggcacgaggg gaaaacaaaa ggtaannnga ggggtgctgg gagaacaaat 60  
aggaagaaaa gggaaaaccc agaaatagta attgttagta cccctgctac ttgactgttg 120  
aaaatgcttt aaaagtttgt tctgaattan gagaaaaggc gctccctcaa ccaggctgaa 180  
actaccacca gtgtgtgtgc cagaaacctg gacgaggaag gagctgcttc tccccctcgc 240  
cttccagtca cccaccatta atacctgcta ttggcaaggc ccatctggat ggcagatggc 300  
aaagcancct ggaaagtga gtttaccac ttctacctcc tacagtatat agtggagcac 360  
agcnaantgg aaaaggaggc cgggcgcggg ggctcacacc tgtaatccca gcaatttggg 420  
aggccgaggt gggcanatga cctgaggcca ggagttcaag accagcctgg tccaacatgg 480  
tgaaaccctg tgtctactaa aaatacaaaa attaaactnaa cgtggtggtg ggtgcctgta 540  
atcccagcta ctctggaggc tgaggcagga gaattgcttg aaccgaggag tttggaagtt 600  
tgcaatngag cccaaggtca cgccactgna ctttcannct tgggcaacaa agccanggaa 660  
ntnctctna aaaaaaaaa aaaaaa 686

<210> 2041  
<211> 710  
<212> DNA  
<213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (710)  
 <223> n = A,T,C or G

<400> 2041

tnnccggntg	acnttgccca	tgatgggtgcc	tnccctgat	atctggagag	atnataaaat	60
acattacagt	tagagtcaac	aatcaccact	tgaagaaatn	ncttnaacac	aaagcctgat	120
aaaatttaca	tctggtaa	gtctatttaa	gctactgcga	aacacatata	cttaaaaaaa	180
aanggccttt	tcattgnctc	aatgtcttga	aggctggaga	ttgtaaagca	cttcctctaaa	240
gttcctatga	gcaggatgag	gctatttgcc	tttatagagc	tntagaacta	ataagcaatc	300
aaaggggatt	ttgaaaaaag	cctataactt	ccaaagtgat	aaactgngga	aanattcatt	360
ggacctgtcc	canattanct	gaagtatcca	gatgctaaag	ctnatgtgta	naggccaant	420
acggnggctc	atggctgnaa	tcnncactt	tgggaaggccc	gaggcgngcg	gatcacccctg	480
aggtcgggag	gncganacca	ctcttgacca	acatggagaa	aaccccgtn	ctactaaaaa	540
tncaaaaattc	tccanggcgt	gggtggccgc	atgcccttta	aattctnnag	cttcttnang	600
gagggcttga	ggccaaggaa	aaatttgctt	tgaacccccg	gaaanaaagg	gaaggtttgc	660
cgtgancn	taaaataagc	cnccanttgg	cnctcccaa	ccctggggcc		710

<210> 2042  
 <211> 1022  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (1022)  
 <223> n = A,T,C or G

<400> 2042

cntntcgaat	tcggcacgag	aattgatttg	ctacntgccc	tagnaatgat	acacgtatgc	60
ctcagttattg	ccaccaagnt	accnctgtgt	tcttntaana	atgagncntn	aaggggggna	120
nttttgaaan	ngtaatanaa	aataccnna	natgtncnan	gntatnaaaa	ngagtannnn	180
cccnantaan	acaaanantt	gtatatnttt	tcttnntnt	tnnnnnntga	nnnnnncgnt	240
aanttnnnna	gcntncaact	ntannngtgt	nancnttct	atanngntna	tatnnattng	300
ntaatcnttc	atnttnanca	acttatacaa	nagntcantt	acntatggan	nnatnttant	360
nnnttnntta	ttaancagnc	ntanaanncn	nnnnnnnagnn	nntnnatnnt	atntntnctt	420
ggtnctngtc	tctaattgtca	tanngtctga	tnnaccnatn	attnnncnaa	tttatgttna	480
tctntttcat	acnaatnttt	tnnannnaca	ngtcantaat	ncatttttcta	ttngtncnaa	540
tanntcttca	ctannatnca	tnnantntnn	ntacatntnn	atntcngtgn	nctnctnta	600
ctnnntnatt	tnangngnat	nganaggaca	ttatnttatt	tnnnaattcn	tnctntngtn	660
aacaacanga	tataagtntn	nttataanan	tcccnatncn	tagtntacga	natgagatta	720
ttagctgtgn	gntangatnt	attntntant	atanacncat	ncaacnttct	gctannntann	780
catcagnta	tnctntntnt	catcgcgcta	cctctntnnc	cacaantanc	nctatngtnn	840
nnntatntcg	caatatatac	atacncgttc	aacatncacn	gnctaannga	antttcantc	900
ttcgantanc	atnnnnnaatt	ntatctntcn	cattttatca	cgatacttct	cnacnctgtc	960
atnnnnantn	ttncaatatg	ntntgetaca	ntnganaacg	ngntatnctg	gtcacatcnn	1020
cg						1022

<210> 2043  
 <211> 681  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature

&lt;222&gt; (1) ... (681)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2043

tnttttcgaa	ttcggccgag	aattgatggc	agtgactgcc	ttcggctttt	tttctgctga	60
ctaagatctc	ctatagagag	ctacaacaat	gcccaaaaga	aaggctgcag	gtcaagggtga	120
tatgaggcag	gagccaaaga	gaagatctgc	caggttgtct	gctatgcttg	tgccagttac	180
accagaagtg	aagcctaata	gaacatcaag	ttcaaggaaa	atgaagacaa	aaagtgatat	240
gatggaagaa	aacatagata	caagtgccca	agcagttgct	gaaaccaagc	aagaagcagt	300
tgttgaagaa	gactacaatg	aaaatgctaa	aaatggagaa	gccaaaatta	cagaggcacc	360
agcttctgaa	aaagaaattg	tggaagttaa	agaagaaaat	attgaagatg	ccacagaaaa	420
gggaggagaa	aagaaagaag	cagtggcagc	agaagtataa	aatgaagaag	aagatcagaa	480
agaagatgaa	gaagatcaaa	acgaagagaa	aggggaactg	gaaaagaaga	caaagatgaa	540
aaaggggaag	aagatggaaa	agaggataaa	aatggaaatg	agaaaggaga	agatgccaaa	600
gagaaagaag	atggaaaaaa	aggtgaagac	ggaaaaggaa	atggagaaga	tggaagagaa	660
aggngaagat	gaaaagaggn	t				681

&lt;210&gt; 2044

&lt;211&gt; 649

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (649)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2044

ngagaactan	ggnantgana	nnnnnnantn	nantgncctn	tcngnatgcn	nnacagggca	60
gagaggggac	gtcagcccca	ggccctccca	cacctcatgt	gcagttctac	agcacgggca	120
caggcactgc	ctacacagag	ccaacctctg	agcccagacc	cctccactgt	aaaatgagaa	180
taagcactca	ggatggttgt	gaggattcac	taacagactg	agaagaaatg	gtgacctagg	240
ctggcacatg	ggacactccc	caagatgctc	cttttctatt	tccctcaagc	ccagagtaaa	300
ccccttcgac	ctccttgggt	ttcgtgacag	gccattccag	tttaatttca	cttcagatct	360
tgaatgtcc	aaattcttca	cctggaggat	agaaaggaaa	tctcaggata	agtttgttgg	420
cctcatttga	agaaaagtac	cttatagaag	agccataaga	atgacgtggc	tttcattcac	480
tcagcagata	cattgggacc	atctcttgtg	ccacacttga	gcttgggtan	gggtacanga	540
natggggctn	ggcacnctgg	gaactaanga	ggtctgaacc	cacctggggg	atggangact	600
gnctggangt	ggaggccaaa	ctgaatgaat	cacacaggct	aagtgggga		649

&lt;210&gt; 2045

&lt;211&gt; 654

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (654)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2045

ttgncnattc	ngcacgaggn	ganatnnaag	gntaggccna	tgnaangag	gaaatgaagg	60
ctaaaggcca	tatatctaca	aagtggggag	gtcagacttt	gaaccacaaa	cctgactgtg	120
gagccacttc	agtatactct	ctccccataa	gaaagtcca	atagaaaaaa	aatgctactt	180
aagtgggaa	atcacaaaat	aagtgccaat	gaacaataaa	tggtcaacct	cactacagtt	240
aaaatgtata	ttaaagcaag	agttgagatg	acacttttcc	ttataaaaca	gacagggatt	300

cagggacatt	gggactctaa	tgctgctggt	aagacatgaa	taaatacata	ccatctctgg	360
caatcaatac	cagaagcttt	aagcattgcc	ttttgacttt	gaaattgtac	ctggaaatgt	420
atgtttcagt	aaccatcatg	aatgtcacaa	aatcctgaaa	ctcttaaaac	tgatgtcaca	480
ggccaggcac	agtggctcat	gcctgtaatc	ccacactttg	ggangctgag	cgggtggatc	540
gctganatcg	ggagttcgag	ancacctgac	aatatggnga	accccgcntn	ctaaaaatca	600
aaacaattac	tgngtggng	ggatgtgcct	gngnccaact	cttgagntg	nang	654

&lt;210&gt; 2046

&lt;211&gt; 708

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(708)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2046

ntttcgattc	ngcngagag	atggctctta	agacactcaa	taaatatact	tattgaatta	60
gtagaacttt	tcccatgnat	ctcctattac	tacattagga	tctttgttcc	cttagtgtgt	120
cttttagectg	tgctctcaca	agctttgtgg	tgctgtgtgg	atcacaggat	cgtttaagat	180
aaagatactt	ttagctcttt	aattctggta	ttctattatt	ggtacaggga	accatacat	240
tatcttaatt	tcagagtaac	acacgtctcg	gcatgggaca	gggggtgtcc	taatgaaaag	300
agggctaaca	ggtggaatac	tgactatgtg	caggcactgt	ataaagcaag	tagtttttaa	360
atccccatttg	caggtgagga	aaccaaggct	caaagggatt	aagtcattgt	ccaaggctat	420
gtagttgtta	atgagtgaat	ctgggtttta	aaataaatgt	gttaaattcc	agggttgata	480
tttgactggt	gcatttatnt	acttttattt	gaattttttt	tttttgcant	ttactngccn	540
gccanaattt	ntcntttgtt	caaccaccaa	aacatttttg	gttccccact	tggttttnc	600
cacttttggc	ttccccctant	ttnacanaaa	ngggggggga	aaanaaaacg	ngggggggacg	660
ggatnttnta	aacccccctgt	nanaggancc	acaaggggna	ttggcttn		708

&lt;210&gt; 2047

&lt;211&gt; 676

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(676)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2047

gttcgtaccc	ccatacnctc	cgcccccg	cggcctacca	ctatctagac	acctcctgcc	60
ctctccatat	ggctccgggg	gantgtttcc	ctccctagn	cgantttctc	aatnnacagc	120
aacttcctgc	ttctccagca	agtcgcataa	gaagaactgg	aatcttgaca	ctacaactcc	180
tgacaggacg	cccctgcggc	atccagagac	aggggaagcca	gtgctgctct	gcatgttcag	240
ggcgagtagc	tgagagtctc	cttcgggcct	ggatactgag	gaaggtgact	tagactttct	300
ctccgtctc	tgagtcgtaa	cggacggaca	cgcaagggcc	gaggacgggt	acaagcagca	360
gcgactagaa	ctgatctggg	tgagatctag	gcctcagcaa	caactgacgc	aaaaagattt	420
tgttctagga	ttggctacag	ctgaaactac	cgcgcttgat	tcaaagctcg	gggcttgacg	480
cgggaggcag	ctggctcctc	ctctgaaccc	gcccctttgg	ctggcccaat	cgcgtgatcc	540
catcctctta	ngccctgccc	caaacttcca	aatctaccag	aattaatgct	tccagcgctt	600
gtttgaccca	ctcctgccta	tgatttgntg	ggngnactaa	ctactccggg	gggggggnccc	660
gcnattagaa	cgcttt					676

&lt;210&gt; 2048

<211> 656  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(656)  
 <223> n = A,T,C or G

<400> 2048

tatccacac	ctgctgtgct	gggaaggccg	aggatggggg	cccagcactg	tccaggcctg	60
ctggggcctg	gctgggagtc	ctgtgggcag	catggaacat	gcagctgggc	ttcctgtgac	120
caggcacccct	ctggcactgt	tgcttgccct	gtgccctgga	ccttttcctg	cccttctcct	180
tcctctgctc	ccttggggct	accccttggc	ccctcctggt	ctgtgcaaac	tccctcaggg	240
agccccctg	ccctgtagct	ctcacttaac	ttcctagggg	ctgctgagcc	cacccagagg	300
ttgttggagt	tcagcggggc	agcttgcttc	ccttgtcagc	aggggcgtaa	gggctgggtt	360
tggccataca	aggttggcta	cgccctcaat	ccctgaccgt	tccaggcact	gagctgggca	420
cccacggaag	gacatgctgt	ccanactgtg	atgactgcca	ncacaaggca	tctcgggctt	480
ggctggtctt	gcgancctt	gccctgtgga	actctgggtt	cctgttttct	catctttttg	540
cggcttttgc	tgtgggtggg	anctgccgta	ttcagcttgt	gtcggncact	aaangaggct	600
gtggtgcgan	catgcaagaa	actgccttgg	aatgggccct	ctctgggctg	gcctcn	656

<210> 2049  
 <211> 669  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(669)  
 <223> n = A,T,C or G

<400> 2049

tttcnttggc	ntaggaccan	tgacttcctt	gcacgttcag	ctttctcctt	tgtgaaatgg	60
taatagaagc	acgctgcact	tgggattctn	gtggattaca	tgtgagggtc	ttagaaacac	120
ttgatgtgta	agccaactat	tatgtattac	tgtatatgga	acacaaggga	tgtagccaaa	180
actaaatgca	agtttgtgcc	tcagatgtct	tcctatcaga	acagagtcaa	atccagattt	240
tgatgcttaa	atgtgacagc	ttattcagat	ttagaaaaac	ttttggatatg	ggccaaagaa	300
aacatatacct	taaggggata	tggcccttag	gccctcattt	tccttttctg	ctgagcaatt	360
aaaaaaagca	ttaagtaaat	tccacaaatt	ctttggaata	cctagagata	aacagatatc	420
atgttaactg	tatgataata	agttagaata	cttgcaacaa	aatgcagagt	tttctaggaa	480
aacaagtaat	cattcagaaa	taagaatatg	aatagtctct	cagttctccc	cctttgtgga	540
atthtgtgcag	taaatgctgc	tccaaagctc	tgtggaaaac	agaagcttnc	catgaaaaat	600
ctgacaaggg	tatctctcaa	aaagagagct	gtaatnccan	cactgtggga	ngctgagggtg	660
ggagtattg						669

<210> 2050  
 <211> 674  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(674)  
 <223> n = A,T,C or G

&lt;400&gt; 2050

```

natcgcggcg gcggtgggtg cttgtggtgc ggctcacca tacaggaaca gggcagacgt      60
tagcgtgagt gatcactctc aatccccggg acctgggtggc cttagtcttt caggtggaac     120
gggtgtgcgac atgggaaaga aaaccaagcg gacagctgac agttctcctc caccctgac     180
aaccactcac cattttacta cttctatctt ttgactttc caagaatgtc ctagagtgg      240
agtgggtacag tatgtgggtt tccagactgg cttctttcta gcattatgta ctttaagttc     300
cttcatgtct ttcatggct tgataacttg ttttttaaaa tcagtgaatc agatttcctt     360
gtatggctac aacagtttgt ttattctttc gcttggtgaa agacatcttg ggcacttcca     420
agttttggca atgatgaata aaattgctgt aagtatttct gtgcaggatt gtgagtgaac     480
ttaagttttc caaagtgact gtaccctttt gatttccact agcagtggaag agttctcggt     540
gctcctcatc tttgacagca tttggtgtgt cacttttttg aattttaacc attctaaaca     600
gcttatctgc ccctactgng gaatgatgtg acagacatag aatacactta cngtggattc     660
tagttcaaaa tgag

```

674

&lt;210&gt; 2051

&lt;211&gt; 673

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(673)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2051

```

ggtcgnccta tcttccccac ctgttagaat tctattttatc tttccagtct tagttcaaat      60
accacttggt tctatgaaac tttcttaact ttccaacaca aattcacctc ttcattttctc     120
tattccctta gcagtttgct cataacttta ttatataatg attgcactcc aacttggtac     180
ttagctaatt acgtacctgc attccacact agactgcaaa cttgaggaag atgggtgctg      240
tggtgcctc caaaccgtat gtgcctccca taggacacaa gagttgggta tgcagggtgt      300
gtctagatga aattatatag catctatcct tcttgaattg gctttttgcc tcagcacagt      360
tccggggaga ttcagcgagg ctgtggtgtg tactaatcgt tctttccttc ataaccaagt      420
ggtgctcctg ggtgcanagg tgcgtcatgg taaccatcca cctgctgagg gactcgggtg      480
tcccaatttg gggctattct aaaataaaac tgggggaaca ttcatacaca agattttggt      540
tggaacataa gtcttcattt cttttgggat gaatgggcan ggggttcaatt tttgggnctt     600
atganaagna tatgtttaag ttttaaaagg aactctcaaa ccatttttnc gaacaaaatt     660
tgacattcac agt

```

673

&lt;210&gt; 2052

&lt;211&gt; 1282

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1282)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2052

```

taaaantanc canntncaat ttnnannnnn angnncaatnn nnttggtcac nttantantn      60
naccatnnta cnttactcca nttnnnnnnac aantattact atatcacatc cagcagtatc     120
actaanncac tcatcacann gcgnagnacg nctnaatgen ntatcaanna ttatattnat     180
ctannntcnc atnatanana canganaga acanannncn atnnantnat acatanantn      240
tctatananc agatagntna anaantggg ntgnnnntacc nacngtacn ccnntcctcc     300
tttgacaggg tacatcantg gagccttctc agtaccacaca ggggtccttg gtgaattntg     360
tcatgggttat ttaaggaacc ttgcctagaa ntcccaactt gcagttncn atnnaaggga     420

```

420

```

aggcttggac tccaanatga ttataaaaang aatatttntt gncctttggt tangnntgca 480
cttgancntc ctacgntna ctcttcncta gatcnnnnnn annagccna accnntcacc 540
nntnatcntn ngantcngan nntctacact ctncnattca atnttcgna ntentnggac 600
acgntgntag tctanttang cnttntnat tnnncnana tnancantan tctnnncang 660
tnnacaatnc cccaaatcna gngtnatang antttntatc cnntnannnn aaantnaanc 720
acnncnttnc nncatattan ntannnaann tataatatat tnnnacaagn ntacctatta 780
ncaattatn acacnaactg nnaccccata tatctatncc ntacnntca tanttctaga 840
caatcttcan cnctattacn catcatcanc ctatgtcnc taancttatn atnttcnag 900
actannatta anttanagan atcntataca tatncnatcc tcanctaate atatgnnann 960
nactctncan catnngntca tacttntacc atatcaactn natcnntnag ttngnangga 1020
tantcntaan tntccanac nantnnanac anactctact tcntatntnt agatctnaca 1080
ancgtttact acanagtntc acatncnnan ctncgaaat cnttccatnc actntacgna 1140
ttctcennat atatctcaca tactcacaca cacactncat anacacatnn ctctcntata 1200
catttcatac atanatantt actcnetctn atcccnttng ncaannacct ctncatctac 1260
gtatcgctca nactctttct cc 1282

```

```

<210> 2053
<211> 726
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(726)
<223> n = A,T,C or G

```

```

<400> 2053
tttcattcnc ncgagggtat canaagccaa gcccgagctc aggtgttttg attcacagcc 60
ctttataacc attatcattt tgaatgaaa gtaaatcact gnttcttagt gatttgggca 120
tgtttcctga gtttaaggat ctgtctgaca tccgtggtaa gccttgctctt angtganttg 180
nggntaaana cttgtcccag atggagtggg aggacatgaa ggatgaggaa ctaccttcag 240
gaccttcag tccataggca gaggtggggg aaattcacag aaaaacaaat gagttaaagg 300
gatactgcag tagtgctggg aaattcagag ctgtttaaga cctancattn cccctggtag 360
gaaaggcaat caaacacaca tctgactgtc agactgcaaa gttctacagc ggaagaaaga 420
aaagggtgat tgtgaaatga atagactttc cacagaggaa gcagaataac cagtggagt 480
ggggagatcc ncatttttggg gaaaggaaa agccatgaaa aaaagaagg agaggccnca 540
aaagtaccaa ggggtgtgctt caaanaaaan acttggggac tttttgattg tgacttggga 600
cttgggantt gaaaaanggt gccantngga anttggnaag ggggttnggga aggntgaaan 660
anttgaaga nccangaaan gggggaaaat tggggagncc cnccccagc ggnaagcnc 720
ccttcn 726

```

```

<210> 2054
<211> 640
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(640)
<223> n = A,T,C or G

```

```

<400> 2054
nnnnnnntag acnttcccat ggtggggcct ggccctcatc ttgaccaaag ctgctgtgtg 60
gcagctcggc ctctctacga ccccatcttg gtggctgcac acttttcttg gcccgaccc 120
ccatccccag tccctgttcc ccaagaggat acagagcacg gtgctggctg actcaactgt 180
gcgtcccagg ttcagggtct tacagagctc caccctctgg ggtcttacct cactgggaat 240

```



```

gtgttttgaa aatgaatttg gagacaagcc aacaaaccct gcactccaaa aaagcaaaac      300
agaccctaata ttttttgtgc caaaaactgt ggacatgctg gctcagcatc ctcaggacca      360
agttgttgct taattttattg ntttttaata actaatccag ataaaaaaag ttgtggggct      420
tcaagggtga cctgggcccc aagggttctga agggcagttt ctggcagccc cagcttgctt      480
gtgggaangg gccgtgccgc acttttcata ttccatgggg nggtctgctg ggccaactct      540
gatgagaggc anggtgggga cagtcattt gcaccctctg ccttcaccac cacttatgtn      600
tgctgaatgg gatcggnacc atggtatgng gactgggaac      640

```

<210> 2055

<211> 692

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(692)

<223> n = A,T,C or G

<400> 2055

```

ttntcgattc gcacgagaat tgatttgcta catgcttaaa atgatagagg ttgctcagca      60
tttttgagat acaagggggg cagagagaca tgtgatgaaa attacagggc gagtacagag      120
atttagaagg gaacggggtt taatgcgagt atctttgaca gagtcttgct ctggtgcccc      180
tgctggagtg tagtgggtgt cgctgcagcc tcacattcaa aggctcaagc aatcctccct      240
tggcctttga agtagctggg accacaggct catgccacca tccctgggtc atttttaaat      300
ttttttaga gaggggtctga ctcttgccca tgctggcttc aaactcctgg gctcaagcaa      360
tcctccttcc ttggcctctc ctgaagtgtt gggatacagt tatgagccac cacacctgcc      420
aaagtgtctt gtgatactat gcatttgctt aatgcagatt gggaaactta aaatttgaat      480
ggagattatg ttgatgggct ttggcaagtt catttgata gactgggatg anaagctctt      540
gggacttggt actgggcccc aacattccag tattttaaaa taaaaattaa gcccttatta      600
ctcccnttca tnaaaaagcc aatccctatg ggtanggaac atgggagggt ttgggnaata      660
atggcaccgg aaaaggnngc caccttttct tt      692

```

<210> 2056

<211> 679

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(679)

<223> n = A,T,C or G

<400> 2056

```

tctnaanaat tcggcacgag aantnatttg ctacatgctt aaaatgatan aggttgctca      60
gcatttttgg agtacaaggg ggtcagagag acatgtgatg aaaattacag ggcgagtaca      120
gagattttaga agggaacggg ttttaatgag agtatctttg acagagtctt gctctgttgc      180
ccatgctgga gtgtagtgtt gctcgctgca gcctcacatt caaaggctca agcaatcctc      240
ccttggcctt tgaagtagct gggaccacag gctcatgcca ccatccctgg gtcattttta      300
aattttttgt agagaggggc tgactcttgc ctatgctggc ttcaaactcc tggggtcaag      360
caatcctcct tccttggcct ctctgaagt gctgggatac agttatgagc caccacacct      420
gccaagtgtt ttgtgatact atgcatttgt tcaatgcaga tngggaaact taaaattgaa      480
tggagattat gtgatgggct tttggcagtt cattggataa actgggatga aaaactcttt      540
gggacttggt actgggncaa agcattncag tatattaaaa taaaaattaa gccatattac      600
tncactcata aaaagcaatc ctatgggaag gacatggaag gttggggaat aatncaccgg      660
aaagnggca gcttttttt      679

```

```

<210> 2057
<211> 535
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (535)
<223> n = A,T,C or G

<400> 2057
tcacccctgan nctcnanagt cgaccngcan gcntgcaagc tttntnnnca aagaaggggn      60
gtgctggccg gnnnggattc ccccagccaa actgtctttg ncagcacgtg gggctcactt      120
gtcacccttc cccaantntc ntagcccccg tntaggttg gacagccccc ttcggctaca      180
ggaaggcagg aggggngagn cccctactcc ctcttctactg gggccacagc ccccttgccc      240
tccgcctggg atctgantac atattgtggt gatggagatg cagtcaacta ttgtccaggt      300
gaggcccaag anccctgtgg ncgccactga nggtgggctgg ggctgctccc ctaacctact      360
ttgtttcgca ctnaccattc cctctanat ggnacaatac aagantacct gccgtccacc      420
ctctgtctct gccagttgt cattcttgta aatacttgaa gtggtgtttg tatgcatctc      480
ancgatgtgt gtcacncaat gtatctatgt ctgctgcagn cctccaaatt tggga          535

<210> 2058
<211> 682
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (682)
<223> n = A,T,C or G

<400> 2058
aaactgcann naagatnctt ccagttcttg gattnctagg tggagtaata ttttctgtn      60
caaattatth ccatgtttat ctccatggtg gtgttggcan naatggatcc actatagcag      120
gcncagtggt cttgncacct ggaactccaca taggactaat nattatactg gcantaatga      180
tctataaaaa gtcagccact gatgtgttng aaaagcatcc ttgctttata tcctaataatga      240
tggatgtgtc tttgctaaag tctcacaaaa attagtggta gctcacatga ccaaaagtga      300
actatatctt caanacactg tctttttggg gccacgtctt ttgttttttag accaggactt      360
taataattht atagacgaat atgntgttct atggatggca ntgggtgatt cttcatttga      420
tatggngana tactttaatg cttngagcct gcaaatttca agacaccttc tttaantata      480
ttcaaaactg catgtcatca ancacctgaa caagntcaaa gttccttctt caaagaagtc      540
atcagaaata accatgggan tggaaganac ntttcnaac acttgctatc ntnttgctgc      600
tgctgggttc nntngagggg aaaattaaac catttggtta aattttaatt taaggggtat      660
tnoctattht caacnaaata aa          682

<210> 2059
<211> 699
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (699)
<223> n = A,T,C or G

<400> 2059

```

```

cntnncnagc ggnanagach tntccaataa tgnnggatan gcntntacta agnncacaag      60
acttnanngn natnnatngc ngagnatcac tgcncctnan angattacca cgtgangagc      120
tataccctca gactcttagt ctgganaaacc tgcgaataaa aattaangat ggnctacntn      180
ncttaacatt taacacctgt atggcccnaa aatnttnttg cttgctacta tgcacataaac      240
taatgactat cttgcgcatn tgataacctt ggnacacaanc caaanactgg gtnntnncngg      300
gaccngacnt nanntnctag cnnngggcgt tggacacnnt anccttgtgg aaacaataan      360
aaaccattac ntgncccatg nccctacnna cccatgatan gccaaaggagg ngccaggtag      420
ntgagggtga ctagctacnt gaggtgggcn ncatacntta cttnctcact gnagtngngt      480
ttgggtnaaa ttttaaccn nttacnccan tggtagtcat ncngtgatgg ncnatcacan      540
cagcaagnat ganctcaagt agccctaaat gctcnangca acctcttntt ntgaggaaag      600
accttnactt tntggngngn gnanaaactt tacagnnntt tttgggaacg anttaatgtg      660
ggnctngctt ttttgagaag gcccagnctt ncantacca      699

```

<210> 2060

<211> 701

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(701)

<223> n = A,T,C or G

<400> 2060

```

ccagagtcna ggctgagagg atgcaggtgt cctcctagga ggtttgagtc agaaggcacg      60
aggcagaagc agtggggggag gactccctca gtagagcgag gaggaggccc ctcatccaag      120
aggagggttg agcacagggg ggtctaggtt tgtagtttcg ggaccggtag ctgaggggtc      180
ccagggcctt tcttctgtga aggagaatgt gtccaccgtg gggagggggg cgggagagag      240
agatacttca gagggtgacag ggctgagaaa gctttatggg ccgcgaaagg cagagtantt      300
gttggtggat gaggggtgctt gtggcangtg gcgtttcatg tgagacagct cggggcccan      360
aaagacactg ngaggaggag agctcctgct cttcaganaa acaggagcnn anaggaaaaa      420
cangaancgc nancgagccg gcttgnngtc ttggggatga aacccaagnt ttacagcatt      480
ctnttgnctt tnncttggtg ggaggtnngg gggccattat ttctncccc ctggtcttgg      540
gtccttttcc cttgcccanc cnaangggaa aaacaagaac cccttcccc ttttncgct      600
tcaagganta ttccaaaaac tgtccaaaat cttttnnngt tggaanntta aaatttcntt      660
aattccccct tgtantttta aaaannangg tttcaagatn t      701

```

<210> 2061

<211> 738

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(738)

<223> n = A,T,C or G

<400> 2061

```

agnttcgatt ccgcacgaga tacatccacc ttcangcaan cgnaaactgg ncaaccagta      60
tgagaaattc cacagtccaa gggaaagaga agagtatagt gactgaggng ggtctctctg      120
tccaacatgc aggcagcact ccctcatcct gctcagtgag agaattcagg gggaatagaa      180
aagctgctga gagttggtta agaggatggt cgagtggatg ggtgttgacc tccctggatc      240
ttatgtcact acatcctgga cctcaagagg gtcacccaag ctttttgaaa gctgaactcc      300
ttgactggag aaacctagac aagaggcggg gccagggtgct tgatatctag gaggcattct      360
tctcttccc ttgccaccat ggagctgggc acagtaagcc atattgtttc ctgaagcagg      420
agtcccaggc cttggctaga naggaacag atgtctnaca aaaagagaag caattcgagg      480

```

```

aattgatgaa gcacaattaa aatcctctct ggctagtagc tctctggctt tctgttcatt 540
tgaagaataa atctttggct tgacagtggg aagcaccagg ttgaaatca gatggcttta 600
tttttctttt ttttggcatt taaatcagtg aaataaaatt attactggag anccacagtt 660
cgatttaaag agattcctca ccctgttttt caaagtcctt cttttnaaat tccatgcntt 720
gggggggttaa nnggnaaa 738

```

```

<210> 2062
<211> 743
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(743)
<223> n = A,T,C or G

```

```

<400> 2062
antttcaatt ccgcacgagg aanatatatn cntgaaggcc tgtggcctag gaaaaggana 60
cactgaggtg nttcctaccc aacatgtggn ccgtgctctc caaactatct ttgagctgaa 120
cgtccaggcc tttgcaggag gggccatggg ggctgtgaat gggatgcagc cccatgggtg 180
ccctgataaa tccagtgtgc agtctgatga agtctgggtg ggtgtggtct acgggctggc 240
agctaccatg atccaagagg gcctgacttg ggagggttc cagacagctg aaggctgcta 300
ccgtaccgtg tgggagcgcc tgggtctggc cttccagacc ccagaggcat actgccagca 360
gcgagtgttc cgctcactgg cctacatgcg gccactgagc atatgggcca tgcagctagc 420
cctgcaacag cagcagcaca aaaaggcctc ctggccaaaa gtcaaacagg gcacaggact 480
aaggacaggg cctatgtttg gaccaaagga agccatggca aacctgagcc canaantgag 540
ccgtctgaac tgtgggaagg gaagtgtctaa cagcccaacc tccaacctgg ncttttctc 600
cttccctttt gaacctcctg caacctgaa ccnctcagga caattcatac ccccttctt 660
tttttccacc caatttgttg ccaattaaat tgggggggtg agggntgacc ntaggcagca 720
ttaagaatca cttattttat ttn 743

```

```

<210> 2063
<211> 672
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(672)
<223> n = A,T,C or G

```

```

<400> 2063
gaanccactg ctgcgcaccc tggagatggg tnggggaccc tgggctcccg ttaatgttgt 60
tgtggctcca gatgcctnag aaataacttc cagagtcaac accatctgcg gaagtgcctg 120
gagacggtgc atgggctgga gacagagaca gccggcgccg aacatactg gggctgcccc 180
tgcaaactgg ggcaagccct tcagcctcca tgtggctgct ttactatgga gaacagaaat 240
gactagaacc tgacttgtgg ggttatggcg aggggtggcat gagatgagct ttgtaacaat 300
gtgtttgttt atgggcagca aaacctgac tcattgtctg ggttactaat atccaagagt 360
tcatcatcag cgataattat tgtcaatagt cgtaactgca aaagtctctt ttaaagctaa 420
aatggatgcc gggccagtgg ctgtaatccc aacactttgc gaaggccgag gcgggtngga 480
tcacttgagg tnaggaattn nagaccggcc tgggtnacaa tggcaaaccc cgtntctact 540
aaaagtgcaa aaattaaccc aggggtgtggn gggcaagtgc cttgttaatc ccactacttc 600
aggaaggctg aggcaagaaa aatnacttta aaccnagga aggcggaatt tttccattga 660
gnccaanaat cg 672

```

```

<210> 2064

```

<211> 746  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(746)  
 <223> n = A,T,C or G

<400> 2064  
 acctnccgtt caanaancctt attctccttc tcagcngcgn cgtctgnacg ctnattccctn 60  
 natcantatt nngtagacgg nccacccctt tannnacntc gnanncatcc atcacgcttc 120  
 agcnnncggn gctntgncgg agnatngnct tntgtnnngc gnttcgnnan gttcctgcaa 180  
 aaagaacaag tagattgccca naagaactaa ngttaaagaa cattncttcn anacactatt 240  
 aatgggctta ataagcanag gcaactgttt ttgtcanaaa acanaaggaa agaacttntc 300  
 canaggataa ttgtggagct tgttgaatth atctctccca aaacccttaa acctggagaa 360  
 cttgggggaa gaatatctgg gtcagtggct tgganagtac ccgaggtgaa atgggtctac 420  
 anagaaaaga aaccttgtht attcctgtg aaaatgagaa gatttttaaa cagcttcccc 480  
 tttgttacia tattgtgaaa gatcgtht gttcnagtht caaatacaat caaaccttht 540  
 cttggatggg gagaatggcn tgtggaaaat ggaatctnta tttcanaaaa agttgnaaca 600  
 gactggcaca tggattht tggcccnaa anggaangga tcatnttht cttattht 660  
 cttggaagth tganttht gtcaanttht ccttaaaagt aantacntt ttctattht 720  
 aacaagtht caaaccttht taaacn 746

<210> 2065  
 <211> 1005  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1005)  
 <223> n = A,T,C or G

<400> 2065  
 ttnnnnnncnn nnnncattnc ccannnnnnn tnnnnnnntn nnnnnnnnnn nnnnnnttan 60  
 tnnnnnnnnn tntnnnnann anntnnnnntn ttntnttna tgnntncnnn nnnnnntnt 120  
 gcgncgtntn nnnannncnn tgttananan tnnnnnnntn nnnnnnnnnn nnnttcgccc 180  
 ncctnccat nnnnnccccc ntaennnnn tnnnnntntn tnnngantna cagtnggaaa 240  
 caatattntt ttnnnncntg gnggcctccc ttcatttacc tgggtgtttt ggctcaccia 300  
 agagttgtgt tctgcaaatg tctgggcaat cnttggagct aaactggcat tagagtcaag 360  
 taacactcct cctctctccc tgttcttttc cttaaaatct tcaaaggcat tgggggtttt 420  
 accttagcaa cttgctatth cgtcttctta gtttgaacct tcaaataatag ctggatataa 480  
 taaaatgctc ctcaaagag gaagtaccan aaagaccaga tgcattgtct catgcttccc 540  
 ttgtgctggg gcacaagatc taaacaaaaa caatgttgtg tccatattaa agagcttcat 600  
 aaatacanat gggagtgaat gaatgattta tgacangtgt taggttgtgg aagcttggtg 660  
 gtaatacaca gaattctcag aatcatgctt gtcccggtga ataaaaanga aaacaacctt 720  
 ttctttgtaa gggttagaag atttgatggg gaaaatccan gaaacctct aaggangcta 780  
 aaagaaaaga aanttcttca ttaccccaga atngttngga tngtattttt gccaacattc 840  
 cttctcantt gcctggacaa cgataangat ttctattht gaagaatnaa tgtggtntta 900  
 aatcaagaa attcttgaat tttttcnttg gcanggcatt gaggacaana gtngaaaaaa 960  
 aaaatnaatt gggaagaana atccntatnt ggtaanttht tcnca 1005

<210> 2066  
 <211> 1022  
 <212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1022)

<223> n = A,T,C or G

<400> 2066

cncctcctttn	cctnnnnnnan	tntctantc	nnnantnntt	nnaaantanc	nnnncnnata	60
tntannntc	tagnnnnntn	ttctttcnct	catannannt	ntntntntnt	ctntgtantt	120
nattntnccc	ccccnact	nacccccct	ctnntctnnn	nnnnnnntg	ancntcagtc	180
ngacacgana	ttctgngccc	cctnnncccc	tgncnnngt	acaatacnca	tggtctgtt	240
cncanntnt	ccccctgnag	tggtgctnn	cctgcntnng	ggaggnttc	tcctaacttn	300
cattcctna	cttcccgnaa	gcagcccnna	acacttactt	atanagccat	ctctatctga	360
attagnanat	catggatnnn	ctcantant	gancatttc	ttatcagnta	ccaccaatat	420
antattttaa	cactgtctcc	ttttcacaca	cctagcttn	ctaanancna	gctggggggc	480
tggtntgtg	atccacgcct	gtaatacnan	cantctgtgt	aggnagncgt	gncggatcac	540
ttnangtcan	ggantttgan	acacagcctg	nctaacatgg	ttgaaaacc	cttctcttct	600
gaanatgcta	aaatatactg	gntggtgtnn	ggcatgctct	gttgatccna	nctacctcac	660
tgtaggctcg	nngcnnnaga	anncccttna	nccccatnng	gannntatg	nttgctattc	720
gngnccatgg	mntcaacacc	naacttngac	ttcctannt	ntnnggggnt	gtatnaaanc	780
tganaatact	cttctncaa	natataanan	antaanannt	ngtccaataa	ccccnctnta	840
cngtgacttc	ntntacnctc	tctccncaen	tatcattaca	tctgcctncn	ccccnctnn	900
tnaantatat	gaanaatata	ccantntgt	ntctanattc	tnattcgcc	ccttncnttg	960
gntncacnta	tttantttcn	attntnncn	ccatattcnt	tnatcgntc	tanctcttc	1020
cc						1022

<210> 2067

<211> 991

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(991)

<223> n = A,T,C or G

<400> 2067

tnnnnnnnntn	ntnnnnnnntt	nnnnnnnnntn	ntnctntntt	nnnnnnnnnt	nnnnnnnnnn	60
tnnnnnnnnnn	nnnnnnntctn	tnctntnnnn	tnngntatn	nnnnnnntnt	ntntntntntn	120
ntntntnttn	nnntcccc	cncnnnnnn	tnccccctcc	nnnnnnntnt	nnntnnnnnt	180
nagttnacag	taggangngg	aggctcttct	tnacgtgtng	ggacnnncat	cctggggcat	240
tntcaactgc	gtnttcattg	tgtactntct	gatggagatg	ctgctcaagg	tcttnggct	300
ggctcctgcga	gggtacctgt	cctaccccag	caacgtgttt	gacgggctcc	tcaccgttgt	360
cctgctgggt	ttggagatct	caactctggc	tgtgtaccga	ttgccacacc	caggctggag	420
gccggagatg	gtgggcctgc	tgtcgtgtg	ggacatgacc	cgcgtctga	acatgctcat	480
cgtgttccgc	ttcctgcgta	tcacccccag	catgaagcgg	atggccgtgg	tgccaatac	540
ccgtcctggg	cctgggtgca	naacatgcgt	tgcttttttg	ccgggaccc	ggtggtnngt	600
ctactacgta	tttgccatca	tttgggatca	actttgtttt	agaggcgtna	ttgtggctct	660
tcttggaac	aagcctcctg	gccccctgca	atggctnggc	gccccctgtg	ganccttnca	720
gcagctggan	tacttggggc	caaacaact	ttaaatgaac	tttgccgggc	ttgcccttg	780
gtccacttct	tgtgggaaac	tttgattggg	nngggtnngna	accaacttgg	ccaagtggt	840
tttcttggga	atgcattntt	ngggcgcttn	cttcaaggc	ccngnggtc	ccaagaant	900
taatttttgt	nanttngggg	gggggnntg	gtggttctta	tttgnccatn	ttnggggnca	960
acntgtttt	tttgggcnc	ttnaattttt	n			991

<210> 2068  
 <211> 1054  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1054)  
 <223> n = A,T,C or G

<400> 2068

ttnnctntnn	ttctnttttn	tttngtntcn	tctctntntc	gtttgtntnt	nttnnnnttg	60
gttgtngttt	cttttctgtt	cnntnttttn	ccccccct	tnccccct	cncttctttn	120
tnntttngtt	ncagtggang	gtttttnttn	cctnngggcc	cggnntngn	nnnttttttt	180
tctnctentt	tnattccctt	ttngtggtgt	tganncttgg	ggaaannggg	gggnnttttn	240
catgctctnc	nnccactttt	cntttacnng	gcttgcttcc	tttgttngtt	tttctttttc	300
ntcttttcta	tctttnttgn	ttttttentn	nnntnttttt	ntggcngttt	tnctcctccc	360
ncctntngct	ttttntctct	gnctctttnt	tggtntctct	ctcattnttt	gtgnactcnt	420
nctgnentng	ttctntntac	tctntcctg	tnnngctat	cttctntnac	ttctattnnc	480
ctntttctc	tggtctnttc	ntttcttttg	ttctgttncg	ttctcttttt	ntctntttnc	540
tctcttctcn	tttntctnct	ntccttctng	tcctcctctt	ntctcttttc	nnctnnntc	600
ctnccgtttc	cgtttttttt	ttgtcncctt	tnngnttctt	cnncgttctt	gcttcttctt	660
ntnttttttc	cctcttctct	cttncgnnnt	ncngtctctt	ttatcaagtc	tactntnntt	720
tgntctcttt	tctnttctnt	gnctgctttc	tnnncctgct	ttctctctnn	ttntnctttc	780
ttntacnctt	tttcgttanc	cttntctntc	tnnttctntg	cttttctttt	nnnccctct	840
ttngntctct	cgatttttcc	ntntnttttn	cgttccattn	ntnttctttt	tatttctntn	900
tcttttattt	ctggntctcn	tnctntttct	tngttancnt	ttcttttact	tcnntttntt	960
ggttnnccctn	ctttttctnc	nnccatcctg	tnntgttctn	gctcttctnc	tcnttctntn	1020
tnntgtntann	ttntactnnt	ttctcttctt	cnccg			1054

<210> 2069  
 <211> 711  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(711)  
 <223> n = A,T,C or G

<400> 2069

aggtntcgaa	tcgcacgact	tgtccctgtg	gggtcttaca	gatgtgtctc	tgagtagtaa	60
aggcttagcc	ttgttctgtt	ttgttgtttt	ttggagggga	aggtagtca	ggcctgagta	120
ttcatgtaac	attctaaaat	tgtgccagcg	agcaccgtga	acgactgcaa	tgcaagcggg	180
tcttgctggc	taaaatgcc	ggtaaaggg	tggttgga	cagcgcttag	tgacgctgt	240
catcatggac	atcataatca	gttgtgaaaa	acacgcgaac	ctatgacact	tcttattcca	300
cactgaatgt	gaaattgcat	gttcagatgt	ttactacgag	gcctggctca	caggaagtgt	360
tcagtaaaaag	tatgcactgt	tagattactg	ataacgcgga	tagatttttg	tttaccataa	420
attgttccag	atttatatta	atggaaggaa	gtgtgcattt	attaactatt	actcaacttt	480
acaatgcaaa	catcttattt	ctcatcttta	aacatgtcga	caagttaaat	tgaaaagtat	540
tctgagactg	caaaatgggg	tggttaaaaa	tactgcagtt	acngactgtg	taaaccagtt	600
ctcattgcat	aagatcagat	gtaaatgcat	ggagaggtga	tatgcactgt	acagnattca	660
ctccccattt	cacatnttgc	aganaatagt	cttgtcatac	tgagtgtcta	a	711

<210> 2070  
 <211> 825

<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(825)  
<223> n = A,T,C or G

<400> 2070

atncttttcg aattcggcac gaggttggtg ttaccgtgtg ccccnngnc ccatgnnggn	60
ngtgcnnctgt ngacacacag nnanncaann anntgtgnca gtctgtattc tggagcnnctg	120
ctncttgnc nttgatttgt actntantta gnagaagcct gtacactgta gcgtggccag	180
atgtggagtt cagagggcatg ctcacctggc tgncttttna ntacttacct tatagccatt	240
nttanactga gagcttnaac tgaacatata atcaaatttn gtgntaagga agtgagattt	300
tancagtatt ttccagtttt gaagttcgaa accatcccaa ggcataaggag ccatagcctc	360
aactgaaatt gaatttttgt agggactggt aattgccatt tgtacctaat actgnatata	420
tacatatata taccgtgtgt atatatatat anatatatat atatatntat atntntatan	480
anatatatat acatatatat atatatatnt atntantaca tanttngtct ntntcantga	540
ntntacaaga gannntnnt tcantagaac antcttcaat cnacactcnn ctgtccnnc	600
gctnecgtca ataannctcc taacnatcac ttcanccctc ttncntctcn cctngnatag	660
acnnanaaat cttactcanc ttcttnttat catagtctnt ttnnatanta naanacctct	720
ntntancnn atcatcnn tntcncgtct tngnntanaa cgnnagaaat atctnnacat	780
cttntcttat ctccaattct tcnnntnct tacanccnng cgnc	825

<210> 2071  
<211> 729  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(729)  
<223> n = A,T,C or G

<400> 2071

ccnccganc nntnnnanaa ataanattga agatncttcc nnttctngga ttncctaggng	60
gantannant tacctgtcca aantatnncc atgnnnancc ncnntagggc angggnaaga	120
atcatggctc atgantngtg ngggacaagt ggtcgagag cacaggctct nggtaaggag	180
acctgggttg agtttataac cagagacagg cagttcacca actgagctct aaatccttat	240
ctggaaaatg ggaataattt gtcttctctg gccgagctgc tgggaagctc anagatatta	300
ctgcataaga angtgcttta tacctgtgan gcgagatggg aaatgaagga tgattgtctt	360
gatgatgatt ttgngctgga gctggcttac aatccctga cagtgcacc tgtaccatan	420
aagtgcagaga acccagcgac nccaagttag actgggaagg ataggccctg gggttgatn	480
ccnctgtnc tcgttggtgg ccccttgac ttttttgaca ancctcatca cattccttaa	540
ccctcaantt ttgcctgtc tgntaaaaaa gggtncaaa ntgntgcctt tgtgccccan	600
ttaaacccea ggaactgggg aaaatgcntt ggccttgagg ggacaatgan taaccncaat	660
ngngggcct tgtnaangaa ttnggccntg ggacccttna gggggntccc ctantaaggg	720
ggccaaant	729

<210> 2072  
<211> 749  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature



&lt;222&gt; (1)...(749)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2072

acnttnacga	gtnnngnccga	ggtcnnnatc	aatgtcnann	ncntcaacag	gggnatanct	60
gaccntaana	ntncnnnaac	gtctgnncat	nnctgttgaa	tggcncctgct	natnatagta	120
ntgtntgccc	aggaaaaactn	ngaantntgac	gaggcttata	aaaccatggt	agccaggcgt	180
ggtacgtagc	tcacacctgt	aatcctccca	aagtgtctggg	attataggcg	agagccacca	240
cgctcagtga	gtatgacatt	tttaaaagaa	cagtataaag	cataaaatat	cccatgtggg	300
gcaaactccc	agattatttt	cctaaacaaa	tagaaaaaat	gcttcctgaa	atagggttaag	360
agaggatgag	tcatcaggat	ccctgaaaca	aagatctcaa	acaggagacc	ttacgtatat	420
tattcatcaa	tatcttcagt	gcaaaaatgc	aaagccattt	acagaaaggg	cacatagtaa	480
gctttacata	ctttncttag	gaacagnctt	aaaacttaaa	aatctcatgg	tttaataaag	540
agtaataatt	ttatggggaa	gcaatttttaa	gattttaaata	ttcagagtat	cttccatacc	600
agcagnttta	tttaaaagtag	tggaaaaaat	aagacaattt	aatattccca	tggatggatn	660
gattaaaaat	tgggtntggt	cangngggaa	aataaacnt	gcccccaat	ttaagacttc	720
ctggccaaaa	ntttggggga	aaaaggtnt				749

&lt;210&gt; 2073

&lt;211&gt; 1498

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1498)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2073

tnnnntctnn	anncntnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nacnnntnna	60
nnnncttncn	cnnnnnntnt	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnntnggt	120
nnnnngnang	tcnngntan	ccnncannnn	nnnnnnnnnn	nnnnnnnnnn	tnnnnnntnc	180
gcnccccccc	gccccentn	nnntncccc	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	240
nnnnnnanncn	gnnttaacca	natteccncc	ncgggggggg	tcctataaat	gcctatcnac	300
naggnncnnc	cnctnnnatn	nccccnattt	ctagcngncc	ccttnaanann	nnnccacagn	360
ntntnttat	gctggangan	gggantgcna	cggtgncct	ncnggggggg	gtttntagt	420
cnanaaagg	cccagcggcc	anangcngt	gggggaggga	ctncaactcag	nataancgag	480
gaggaggccc	cttnatcnna	gaggaggntg	gcnccccacc	ggtgcnnnncn	aggttcnnc	540
ttcttacgcn	cctggntact	nnagntnttc	tttgntcnta	acttatttgc	ntcatnannn	600
ntctntctcc	nnctnnntan	nnngnttcnn	tcngctanca	tnnttancat	ctctnnntnc	660
tactanantn	tctccntntt	cnactangaa	cttccgatca	nnggntntan	ncnntctcnt	720
cnntgactaa	cntcatctgn	natcttaann	tcntnnnttn	ntgntttcna	ctcntttttt	780
gnnttctcac	tgatcnncn	ctctananag	ntcncttnc	nnntatctna	nnntcnnttt	840
cacncttct	ntnttccttn	tnatcgcnnn	tcctctacga	cctctatgcn	atcanatgcy	900
cgngnatcat	atgtgcctnt	ctnacaagtn	tanntcntcg	nntaattacn	ctcncatant	960
atctcacnnc	ttctntttca	nnactantat	gntnggtgag	gctatatagn	acttngtgga	1020
nggggtcntc	tctntacnt	ttnatcgtn	ggnacgnttt	ncttnnctat	natctntanc	1080
aantttncct	anatnctggg	gtcnaacnnc	ananncnaa	cntcncgcnc	ncnaanatac	1140
nctgetatnn	ncatgcttna	nacatatnta	tnaactcntc	atcttntanc	gcttcatntg	1200
natctctcnt	ctgtttctnt	natacatcan	aatccatnnc	tgcnacnctc	ntntacnnt	1260
cctatnatat	gcnnttcttc	acantntnac	ctaccgttca	ccatntatnn	aactatannt	1320
cacatnttan	atggnncnnt	acnnnccctn	ntgancaatn	ctgttttctt	nctctctctc	1380
atctntntat	gngntttacn	tcttannatc	tnctncaag	cntntatcnt	angcgtctnt	1440
ncaaaaatnt	acgnntctnn	cncatectca	cnctctngan	ccgatctann	nctgncca	1498

&lt;210&gt; 2074

<211> 947  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(947)  
 <223> n = A,T,C or G

<400> 2074

ncntcaattc	cgacgaggg	acttaataag	nngacaance	agaaacaata	ttgaagatct	60
gaaaaatcta	gccgaccanc	tctaggnngg	ccctntntcn	nanagtgggn	gatgggcatt	120
gntttaacta	ttaccttagg	tccgtgataa	tatcccntgg	cccagcagaa	attatatact	180
tggcaacaca	tatttttcac	caggaagcct	cacccagaca	ctgancanaa	tggtctnttg	240
caccaataaa	ggctcacnta	aanggnntgt	ggtnncccaa	gnaaatanac	atttctnaat	300
tgcnaaantg	gtaaactgct	ttancnccat	acaaggngnc	tatctngaaa	cgnntttttc	360
tnnnanngcn	tcatnngtnt	cntcttctat	ngccnnatta	actnattgan	tnnttnnnat	420
gncatncnna	anngcgntnn	acatctcctn	cttatatcna	atnccnntna	tctcnnnatn	480
ctacntccnn	cnatcntttt	ttcattcann	tttattacct	tgntcnccan	ctgctanceg	540
tcttcngana	tenanccttn	nnnttntnca	annctanttt	ntntcaaaat	gggccnnctn	600
ttttanatnn	cnactactgn	gatatatnnt	ntcnnntgac	ngtttnatnc	ccctaacnac	660
nataatcnac	tnttctctcc	nannaannaa	nnngnncatt	tatnttnacg	ggaaaaaaa	720
tctcannctc	cngcgnccct	ngattgggct	ttcnaccccc	ttggnaaatc	nccccancac	780
ctnttgggna	aaggccnaag	ggtnggccca	aaaatnnncc	ttgaagggtg	tnaaggaant	840
tttctaaaaa	ccaagccttg	ancnntnt	tgngaaaaaa	cccccggtt	tttctttnaa	900
aattcccaaa	anttcnnnc	cagcnctnna	atcnngcccc	cctctgn		947

<210> 2075  
 <211> 689  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(689)  
 <223> n = A,T,C or G

<400> 2075

aanttcaatc	cgacgaggg	atcttcttca	atcagcaata	acaggtggct	ctatagaatg	60
gagggtagaa	gggatgtggg	tgacttactc	agtttttagt	ttaaaggagg	cctcttctgt	120
tagcatgggtg	aagtgcagtt	tctttaataa	attgtgcatg	gtgggggtgg	gatttggatt	180
ctgtgataca	atcttgtttc	tttaggaatc	ttttactttt	ggccacttgc	ctttctttcc	240
aaggaatccc	actccctttc	aagggtgctc	atgaactgtt	ttcatgaact	ttccaaacat	300
tggtttctgc	ttgtttctaa	gcctgattct	tgcccttctc	attaattttc	aaaacttcca	360
atatecttcc	aaataattcc	cttttgctta	cgttagecag	tactagtttg	ttagccagtg	420
gtaagttctg	gtgacccata	ccaaaaaacc	ctaactgaga	tatcagctct	taacgcaaaa	480
gttgngaatac	ggcatcctca	tatgaagang	ggagtgggaa	ttgggtgtgg	gacttncggg	540
atatccaaca	gtggatgcta	aagnccttac	ataaaatgca	tanattggta	tatcctccca	600
tcatcatctc	tagatattat	agacttatac	aatgaatgct	gggagcatcn	ggattttact	660
ggattttgng	gttgnggaat	taaaanatt				689

<210> 2076  
 <211> 888  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(888)  
 <223> n = A,T,C or G

<400> 2076

ncttcnttcc	tcgaggacac	tgncntctga	aggccgntgg	cactaggcnc	ancagacant	60
cnetgcaggt	gcaccaacta	cagactcaca	ctaattggaca	aggagntttt	cncaatncag	120
tcccacgcct	ttncaggtag	gggccanggg	ggctgtgaat	gggatgcagc	cccatggngt	180
ccctgataaa	tccagtgtgc	agtcttgatn	ctccaggtgg	ncagncagat	tatagtgcag	240
cctgngctga	gtattataga	cancaancat	nctattgntg	tccagacaag	tncccagggg	300
aatgccacan	ctttcttnag	cacctnatng	tctanttttt	anaacncgga	ccgttancag	360
tttttgcttc	atttntttgn	ngngaannna	canacntttt	tnttaaacna	ttnnagattn	420
ctnnnccganc	tttctntaac	gcacccctct	ntnngntntt	tcggtnata	aaancgnttg	480
nctatttttt	ttttntctn	cgacaatggt	ccnnnnantn	ntttntctt	ttntngagn	540
ggatnggntn	anatntcttc	ttgtnnanca	aaatnnnant	ntttngtct	tgttttttt	600
acctnannnt	gcanntggaa	ntttactan	nncttcnntc	nnattncttn	acaccattgg	660
gcccttttcc	ctactnttta	ccacntcgta	naacantnct	ctngtancta	cttangtanc	720
tncttagngt	gnnaatatnt	ntntncaccc	tntttctaca	gctctgtatt	catcttcctc	780
agtattntcc	ttactcttta	catntatnnn	ngtttantac	gtntcgnntc	ttatngnnnn	840
taccctccta	ctatttgtna	cttatncaca	ctnttctct	catnacc		888

<210> 2077  
 <211> 721  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(721)  
 <223> n = A,T,C or G

<400> 2077

anttcgantc	gcacgaggtg	cctcctgcct	ctccaatcct	gateccccc	tcccagccaa	60
ggagaggttt	tcagcccttg	gtcaccctga	tgacctgcag	ctttccaggc	cctaggctga	120
gaagttaaag	tccagtgtct	cattaatcct	cataataatc	tagggaggcc	gggcacgggtg	180
gtcacacact	gtaatcccag	cactttggga	ggctgaggca	ggtggatcac	ttgagttaga	240
agtttgagac	cagcctggcc	aacatgggtg	agccccgtct	ttactaaaaa	tacaaaaatt	300
agctgggctg	ggtggcggtg	gcctgaggat	gctgtcctct	gatttagctg	ctgcctccag	360
cctctggctt	gagaacttac	ttaaaggcact	tccttcctgt	ttaaaccctg	ttactctcc	420
ataaatttgg	tgattctctg	ctaggcctaa	gattttgagt	taacatctct	tgaagccaaa	480
ctccaccttc	tgtgcttttt	gcttgggata	atggagtgtt	tctttagaaa	cagtgcctag	540
aatgacaaga	tttttaaaaa	aaaaaangaan	gaaaaaaaaa	cccccttctt	ttaaaanaaaa	600
nacctaacaa	attttaatat	agttatctct	accnctttct	ttttaagttt	cttgatttta	660
actcangctg	nattntaact	catctgggaa	aacaangngt	tttgattaaa	aaaatatnaa	720
n						721

<210> 2078  
 <211> 733  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(733)  
 <223> n = A,T,C or G

&lt;400&gt; 2078

acnttcaatc	gnacgaggnc	tntnnnctna	tagccgcggg	ncccagaatt	cccaagcgtg	60
ggattgntca	cccactaatn	gggaacgaga	gccgaacagn	tgangagagt	tcactgactc	120
cccagcccca	ggtgggcctt	gtgcacatca	tgaccagttt	tgaagatgct	gacacagaag	180
agacagtaac	ttgtctccag	atgacggttt	accatcctgg	ccagttgcag	tgtggaatat	240
ttcagtcaat	aagttttaac	agagagaaac	tcccttccag	cgaagtgggtg	aaatttggcc	300
gaaattccaa	catctgtcat	tatacttttc	aggacaaaca	ggtttcccga	gttcagtttt	360
ctctgcagct	gtttaaaaaa	ttcaacagct	cagttctctc	tttgaaataa	aaaatatgag	420
tnaaaaagac	caatctgac	gtggacagca	gaaagctggg	ctacctaaat	aaaatggacc	480
tgccatacan	gtgcatggtc	agattcngag	aagtattcaa	tttcttgatg	gagaaaggaa	540
natggcgagt	cattggaatt	ttttgagact	caatttattt	tatcttccaa	ancactcttt	600
gcagaaaaa	actgggccca	cacangncca	taccggagta	ttgnacttat	tcgctctgnt	660
cctnccaaag	cagtnntccg	acagaaatgg	ntgaaaatga	gtcatgaacc	cccgaaggcc	720
taaaaggaga	aat					733

&lt;210&gt; 2079

&lt;211&gt; 808

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(808)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2079

acnnecgttt	actagcttat	tatcatcgc	ancctgctc	tctnaccccc	agcgtccaca	60
gagctggatg	ttcctcacia	tgccaagtg	gctgcagtgg	ttggcattgg	ccttgatatat	120
caaggagacg	ctcacagaca	tactgcagaa	gtcctgttgg	ctgagatagg	acggcctcct	180
ggtcctgaaa	tggaatactg	cactgcagaa	gagtcatact	ccttagctgc	tggtctggcc	240
ctgggcatgg	tctgcttggg	gcatggcagc	aatttgatag	gtatgtctga	tctcaatgtg	300
cctgagcagc	tctatcagta	catggttggg	ggacataggc	gctttcaaac	aggaatgcat	360
agggagaaac	ataaatcacc	aagttatcaa	atcaaagaag	gagataccat	aaatgtggat	420
gtgacttgtc	caggtgctac	tctagctttg	gctatgatct	acttaaaaaa	caataacagt	480
gtcttctang	aagcccagac	acatggagaa	attcttgagt	gtttttggnc	gataagtccc	540
aanatgaagg	ttccagccaa	caagcttggg	gatcanccca	ttaaaatgtt	gaantgaagg	600
aaagcttttg	aaaatnggtt	tcaaacacct	taaccccccc	acctggancc	ttcattaagg	660
aagaccccc	aaggaaatgg	aagaaaaatca	ncctggggnc	ccaaanccct	taacccaaaa	720
ncctttcaan	aaaatttccn	gaaaaattaa	aaaatttaatt	tccaattctt	taattttttt	780
aaaaaaaaa	aaaaaaannn	nnnnnccc				808

&lt;210&gt; 2080

&lt;211&gt; 1361

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1361)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2080

tntntnctc	nnctttttnc	nnccntcn	ntcnntnctc	nttctntnnn	nnccntntc	60
tntcnnnnn	nnntntcn	tennntnctt	cccttctnt	tntctnnt	ntcnntctn	120
tctnccnnc	ntntntntn	ccccnctc	ntnntcctc	ccccctctc	nnntnnntnn	180
tnnttnncc	nnnangtng	gaancnnnt	tttctntta	ntttttctn	ccnccctttt	240

```

gtctncttcn tatncttnt ccaccnennn ntttttttg ttggcctnga tnnctccenn 300
cnccttgnggt ncacttttnt tntnnccctt cncncctta nettnccccc tctctctnt 360
cnttcttgcc tncctctctn tctctctca ccnccggtc nncctctctt ttacttntcn 420
ntnccctctt ccccttntt ctnccectc tctcttttc gacntctnt cctccnctt 480
ctctttgctn cctncaactn tctctctca ttctctctc tctccntncc ctcccggnct 540
tttcttntt tcnntnncc tctctctnt tctctcttt nntcnntac nccccctc 600
ccttactcc cnttctctc tctctctcc tntccccn nctctnncc tctctctnt 660
ctctctnct ctccctttt ttctnntgen tctctctc cctntctcc ttntctnacc 720
tctnctnct nctctctt tctctctctn cgacctcacc tntctctc tntctctn 780
tctctcttc tctccntnn tctctctnt ctcttttct ctncnccnc tttgcnct 840
ctcttttggt nntncttcc nattctntt tntctctcc tctnctctt tnttttctc 900
cncctcttc tctcttccc atnnttttn cnnctnttc cctntctt ctatctnt 960
ntcnccttc nctntctct ctctcttcca nntntctc tnttttnc tccctacnt 1020
tntccctc cncctctt ntctctnct cctctctct acccactct nttctctta 1080
cnnctgctc nactntntn tctnctctg tactatcta nttctctt canttactcc 1140
cctnttctc ctnttctct ntctctnt ctctnnctc tntnctcn tctctctt 1200
ctctctacn tctnctcn tnatctnct cctctctg tctccctcc ctttttctcn 1260
tctattnctc ctctctnt nctccctg ctctctct nntntctgt cntctctc 1320
ctctctctc cttctctg acnccgttc anctcttcc t 1361

```

<210> 2081  
 <211> 740  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(740)  
 <223> n = A,T,C or G

```

<400> 2081
ctgcactgca agggaggtga gtgagaccaa ggaactacac ccaccaagat cccctccaag 60
gggtctaagtt gcttctntaa tcanaaacct ctcaaacctt tgcgactgtg cacataggtc 120
ccatgatggc tttggcaaca ttacctggg accaggtga acttcgtacc atgtattgca 180
tatgagaaaa gaaaagaatg tttgtcaaac aaaccactat gttttatttt attttatttt 240
agtgtgtgtg gtagggtgt agtgagttct cagtgtgtgt gtgtgtgtgt gtgtgtgtgn 300
gcagttttt ttttttttg gganggggt nntctttnc cccnggng gngggnannn 360
accnatttt ggntaccan ancctgtnn nccgggttaa anganntct nctgnctaaa 420
ccnnccaaa nnnntnaaa ttncnggggt gtccntncc cncnctta atttttgnc 480
ttttttnnn aaaancnaga ntnncnct ntnngngn cccnggntg gnanaaaaaa 540
atntccngg gccnaaaaag gnaancctt cncctntaa nccccatna aggnngngng 600
gnanttnnag gggngnggac cccctnggt ctcggtttta angggggnt naaaaanngg 660
ttttncctta aaggnnctt gnaatnccn anaaaaatt ttcnnncngg gaanngcttt 720
tctggncccc ttttnggan 740

```

<210> 2082  
 <211> 727  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(727)  
 <223> n = A,T,C or G

<400> 2082

```

aagttcaatc cgcacgaggt tcatncataa tgtagcnnng ntcagaagtt catttctttt    60
tatggctgaa caagattcca ttgtgtgatt agattgcatt ttctttatcc gtctgttgat    120
ggacgtttgg ggtgtttcca ctttttgccc attgtgaaga atgattcttt gaacattgat    180
gtaaaagatt tcatgtggat atgtattttc atttctgttg gctgtatacc ttgcagtaga    240
attgctgggt tgtaccttta actttctgag taactgctca aacacagtaa acacacagtt    300
ttccagtttt gcagcactat tttatgttct taccagcaac ctgtaagagt ttccactttc    360
tccacatcct cgccaacaat tgtcattgtc tatctttttc attatagtca ccatagtggc    420
tgtaaagtgg tatctcattg tggattgat ttgctttacc ttgatgaagt aatgggtattg    480
aacatctttt tcatgtgctt attagccctt taaatacctt gcttgagaa atgtctattc    540
aaataaatct ttttgcccat tttctaaagg agttaattgc ctatttattg gtgagtttta    600
aaaaggcttt agatgtgcta cataccanac tcttaccaga agtganttaa ttgcaaatat    660
tttctcccat tctatngggg tttcttttca ctttcttgga tagnggcact tggaganata    720
aatgggn                                           727

```

&lt;210&gt; 2083

&lt;211&gt; 727

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(727)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2083

```

aagcctntcg aatcgacga ggttggtgtt accgtgtgcc aangtgtccc atgtggggtg    60
tgccaggtag agaaacagga agtcaatcat ctgtgacagt ctctattctg tcgttttgct    120
ccttggtatt tgattgcac tatatttagt tgaagcctgt tcaactgtta aaaccggagg    180
tatcttcaaa ggcatggaga cctggttcca gtaaatgtcc caccagtggg gtatagaaaag    240
catgctcatg accctgccgt gtcgtctgag gtaccctgtc ttatcctagt ggttcaggaa    300
gagaaaacgc agtttgccat ttcaagacag ctctctctaa gctggcatgt tatctccttg    360
ctttgctttt tgccgtttta aaatgtgtaa ttgttccagc attccaatgg tcttgtgcat    420
agcaggggac tgtaacaaaa aataaacatg tatttgtgta attggtttga agaagctctg    480
aatagctctt tactgcttac ttgggggttg taagatttga gtgtttgcaa ttttttacta    540
aatgtagctc caaagtctta aatggcttgg ttgttcttaa actggtaatt gatgaaactg    600
tgcataagtt tacaatgtac taacttattt tgcttattat atataggggt ttattgggaa    660
attgtaccnc acacttcagc atgatgaaaa taaaaataaa gtggttccat ttaaataaat    720
ggtttat                                           727

```

&lt;210&gt; 2084

&lt;211&gt; 1126

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1126)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2084

```

nntnntnnnn tanntcnrrn tcttannttg nntnancnrr nntnnnnnan tnantnnrrt    60
nttnnttttn nnnnnnrrnn tananctnrr nantnnnang angnnnnrrnn nnnnnnnrrg    120
anntatnrra tannctnata anntctacn nntnnnnrrn cnaannrrgc cncnrrnnrr    180
annntanrrc cccannrrnn tntctnrrnn ctnnnnnana gntntanana taccnrrrrg    240
gggttcnata ttcatnaacc aggnrrnnrr nnaaatatc anttccagac tgatacttgg    300
tgrrrrnrrgc cacccttcta cttggrrrrg cctcatrrgc taccrrrrgc tttttntrrc    360

```

```

actgggtccc actgttnccct gganacaaga ngggctagca tgctgtcatt tatctgaang      420
gntgtggctg acccattctc ctgggatttc ccagggccacc tctccctttt ccctttccct      480
cnacttaacc caaactttgc ntcagctgga tgctattgtc cctggatgtt ggcctttact      540
tggtncgang gttaattggc tgnntcttgc cttgccatag gaaantnttg gctgnnnatt      600
ttggcaanat gtgnngaaga aacnngntn aangaaaang ggaaccnagg agtanttgga      660
tcaaanaatn aannngnggn gaatgggggg acaagaagga naatatgggg gaacnttnt      720
ccccnttttg nancttcttg gcccttttgg ggcccccttt nggaanattg tggnnncncg      780
ggtaaaaaata annnttttan acngntnggn nanccccctt gtnaaaaaan atannganaa      840
aantggnana attnttttaa aaaaanccct gnttttccan ananaaaaaa cacatttttt      900
ttcctttggg taaaaanna ncnttgttta nnaaaancnt anntttcnnn tnnaaatnca      960
tntnttatta aaaaaanaaa cggnttntat tttttaaacc ctcccctgnt acnntaaca     1020
aaannttttc ntcttgnncc canaaaaanan aaaaaaann ttactccagt nntattgccn     1080
cntntcacen tgatgnnggc nctttcttgn gctttttaat aaaana                       1126

```

&lt;210&gt; 2085

&lt;211&gt; 721

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (721)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2085

```

angttcgatt cngccgaggg taattaataa gcagacaaat cagaaacaat atagaagatc      60
tgaaaaatag agttgaccag ctctaattggg tccctgtatc caatagttag agatgggcat     120
tgtttttagg cacatgtgaa ataattggccc cccggttctg gccagcaga aattatatac     180
ttggcaacaa gtctcatcac attttaataa aactgtcaaa aagataacat tctcatgttt     240
ccgcaattta attttaaaat gaaattaaat ttttttgaag gtaaaataca ttttggaat      300
ctaaactgtt taactcttag aacgaacagt ggaaaagaga aaatataact gaatgataag     360
gaaaatatat acacatcaga ttgatgtgat gcagccaagt ggcatgtaga agaaactcta     420
gtattagtat aggtttttcc tatactttcc atgtagtatg aacattttat ataagtattt     480
taaagtctta tttaaaaaag gaaattacag agttaacca aacaaggatt tgtagagaaa     540
aggcatatgt aaggaaagaa gtagtctggg cgtggtggct cacgcctgta atccacacc     600
ttgggangca gangtgggcc agatccctga ngncangagt tcgagaacag nctgaccaac     660
atgganaacc ccgctnttct aaaaatacna aaattactgg gcgtggtgat gcncacctgt     720
a                                                                           721

```

&lt;210&gt; 2086

&lt;211&gt; 1036

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (1036)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2086

```

cnaccnccct tannnnnnnt ncngntanc ntngenangg tttntntnng naatnnanct      60
accntncttt acgncgntnc nntannnnt nancccnann ntntnngctg nnnnaanncn     120
ggngncanna nncnactnt tangngnnnc nntntctnn ntngtacgct ntctnatana     180
tgtncgtrnn annctnnnn nngccncccc ncctccgnnn ntancnccc cncntnnnn      240
nnnnnnnnnn nnntangang atcgnttcc gcacgngggg gtntcttctt caatcagccc     300
ccccnggggt ngggctctat ngnaatggaa gnggttcaac gcatnttttt tgnctgncnc     360

```

ttttccnac	antacggggg	gnnttttnt	nanncaccce	ctnttgtaen	catanngtgn	420
gaattcngnt	nganancnct	tccannnnta	nnnccttgt	tnnacnccn	ctntntntnt	480
ttcnnngctc	anatntannt	cngtnnnttc	ntnccantct	naacngtnnt	cnnccacant	540
ttgnattntn	nnctacaaca	tnctnttatn	tnnccnctn	tnctncacnt	ttctnattca	600
nccacannnc	tncttannnn	cnetcacent	tcctnccnnt	tcntncgnta	ctcnnntcnc	660
tcntcnnena	nnnctcactt	gnnctgngn	atactcannt	aantctannt	cntntttctg	720
nnnnantcat	tctnnacanac	gttcagann	angtctatnc	cntacnata	attnacatna	780
nnancncnnt	ccacctngt	nnatgactac	ntcnncnagc	tnataactac	tcacntntnn	840
gnaanactan	nttactgng	cgnatctaac	tcaccttcct	ccaacataac	nnatctnaaa	900
ngtntanngt	atgcactant	ctatctctat	ngcncanaa	atnnctntat	ncgtaantnc	960
acancnanct	attntacgct	netnacnna	ncattcgta	atctacatat	ncttactatc	1020
acaatcgacn	tagncc					1036

&lt;210&gt; 2087

&lt;211&gt; 1694

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1694)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2087

cnncccnna	nnnncccn	nnnnnttna	ancnncnna	ccnnccnnt	nnnnnnnct	60
nncccccca	cnncttct	netantnncc	ncnctnctnc	ccntnccnn	cnnccctacc	120
nnngaaannc	tnnanantnc	nnctctttn	tcnncannc	tgngtcttt	cnnntccaan	180
netntttnc	nnnnccnacc	nactcnenta	cnetctenn	tnntntnng	cnccccccc	240
nnccnncnna	nanntcccc	cncnccct	tanncanntc	atntnnnnnt	nanngcctn	300
cnaatccgc	acgggaggtt	tentactgcc	tctnnnacc	ccggngtcaa	catntnnat	360
ccacctnccc	cncatacca	cntcanctt	ttnttaggc	ctagtctnan	nanctnct	420
acatctnggg	ggggctttt	ttntnatnt	ntantctccc	cccactctc	acccccccc	480
tncatcaacc	antcatanne	cnetctaccn	ntctctttt	ctcncctcn	cnangctatn	540
actctncac	nnnanttct	cnganagaen	annccctaca	tatcatctac	ntactatntc	600
tnctactact	gnaactcctt	cctanacgat	cnttncctnn	ncncatnatn	nanctctat	660
ctntactntc	netaanntn	ctntctcgnn	cacnctctac	aaantcatnt	caancacten	720
nanccactt	actatcgcan	tatataccta	gtntgenanc	atctnccact	ntcnatntn	780
tcctacatnn	ctctcatctc	netntnatcc	tcacntcng	ntcctcnct	ntnnnactcc	840
tcctnactct	nactatcgct	catnctanac	tnacnctegn	ntttcnctnt	atccacgttc	900
tatntcnctt	nactacnate	tnctntctn	annaactnaa	ttntntnna	atctctntac	960
nnatcccnnt	nnnacnctn	tttacctctg	gcnatctcc	ttctctctc	tcctctacgt	1020
atctctnct	ancacttnac	cttgcattcn	ccngtcatc	ntnctacctc	actctcannt	1080
nnatntcann	ctaagctacc	nettatance	tncannnatn	ctccnaaact	nctcacatcc	1140
nnctctattn	tcacntccng	tctacngna	ncgtccntnt	cttcaactntn	tttatcgac	1200
atcagactan	ntctcncnc	ccanactttn	tcttatctct	netcttaent	ccnaccncta	1260
cgtcagtatc	tctccacnt	cnactacta	tateccnntc	tcctctctnt	nnctgntatn	1320
tctcgaatac	nacaccgnt	ccatnttatn	tcnttatcat	tanctctct	ctacgtact	1380
cncacnctn	accntctan	tnnccnctc	tactgttct	ntacctgct	nnctgctact	1440
ctgncctctn	atctcttctn	tatttactct	actgntcta	tcctcncct	cacgntatcn	1500
cncgntcact	ntcttannaa	atnatgenac	caatctctct	cnnnantatt	cngtatatcc	1560
gtcactatnc	ttacnctcnc	atntcatnt	accactctc	tgtnngtca	ctcnnncnc	1620
ctcaactctc	ctccccataa	tnnccactc	anactncaac	tnnctgctct	tcacatacct	1680
nccncttnc	ccca					1694

&lt;210&gt; 2088

&lt;211&gt; 920



<212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(920)  
 <223> n = A,T,C or G

<400> 2088  
 ngtnnnnnna aggnnttgna tcntnntant gaattttgaa tngngnaactn nngcatntgn 60  
 ttganacctt ccaaaatggc cccagtgatc cnatctccta ataagtncat gttnngtgngg 120  
 centatncaa cactgcttag gaatgggctt ncnnaaaccc aattgggtccc ttgagngtgt 180  
 gatggcaatn tgaccttttn aaggctnaaa attgtaaagg aaaagaacac tggggnnntn 240  
 ccttcctntt ggttggnntt ggggaaccgc tttngcttct tgggaataaa gcccatatag 300  
 ntcantgttc cnnggaagg ataccctcta nnnntttggc cattttnggn aananggggtg 360  
 gccaccaatn ggtggaanna aaaaatggaa ggccctnacn tngcnccant ngaacctatt 420  
 ggttaaaagt tgannnccna tccaccgngn aagnantacc nccccnatt agcccccttn 480  
 aatcnagccc cctttcngaa tttacttggc ccccccttnn gntaagcnat ttttgngnac 540  
 tncaantccc nattgaaatn tngggcccaa agcccaanaa ttttcccan naaaaangcc 600  
 cttnccecaa attttctgnt tcccnaccaa aaaaantggg tccaaaanaa ttaaaaaaat 660  
 natgnccctt taantttnt ngganttant tttngtnggc ntggcaggt tactaataac 720  
 cttaaattttt nccctccent ttggaaaacc nttttttttt tggccggggc aancgtgggn 780  
 tttanttggn ttngtaagcc ccaattantt ttngggggcc canngggggg tngnaannnc 840  
 ccccggnntn ggatttaga aatatccac cctantttgt naaaanctnn tttatttnaa 900  
 aanacaaaaa accggngng 920

<210> 2089  
 <211> 769  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(769)  
 <223> n = A,T,C or G

<400> 2089  
 cnnttnnnnn cgaggcacgc ccccttttct cggccacttc accagtttct gaaatccaac 60  
 ctcccagact tcacaggaag atagatntnc ttgagataat gaaaagtgat ntcttcnct 120  
 ncgaaaggaa aaaagggtga ggtntatatg atttttaact gtattagggg tgtatgaacc 180  
 agtttaaaaa cgagggttta tttactgtag nagatgaatg caaatcagaa ccaatgatcc 240  
 cttggcctac ttagttaaaa ccagttcata catcccttag ggtttttatt attatcatta 300  
 ttatcattac agctgttatc gttgtttttg ctgttattat natttggggg tncctgggtg 360  
 tttttctttg cgactctcca cacttaaact tgcaatattg tggggagaag ctgtgactaa 420  
 actctacgct gcggtgagat gtagcagcaa tcagctccca ccgacgtgtg tanctggggc 480  
 tgccgctcgc aataatccta ttgatttaaa gcttacttac cccttgatct gtncctcct 540  
 agtccatang gtcttgccac attttattta gtgangngg agaaacntat ttatttgtn 600  
 gntggntttt ccccttcccc cccccccaa anattaaact ggggaaaatt ngngaatttg 660  
 cttnaacctc ccgggngaa atcnataccc ttnattttgc catggncenn cctaattggg 720  
 tttcctatac aattttnggg tngaattctc ttttctcccn ttccctcnn 769

<210> 2090  
 <211> 1058  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1058)  
 <223> n = A,T,C or G

<400> 2090  
 ttttgaanc cccttttttn nnnnnntnnc ttngntnct ttttttttgg caangggaat 60  
 ncccccatnn nnnnatcccc gngcnaagg nnnnnnaaaa aaaacggnaa aaaccnnaaa 120  
 aaggngggga aaagggccca aggggggggtt tggggggggcc cccgtggggc ntttgaaaag 180  
 ccccggggnn ttcccccaa aacaaaaaaa ttggcntttg caaacccaaa aaagcctttt 240  
 ggggncngcc ngcnggggnc nnccgggctt gggttggcaa agtctttttc ccagcccttg 300  
 gggccctggg caaagggggg ggcggggggg tgggggcngc ttgccaaggc cgggggtngc 360  
 tttcttcgaa cgccactttg gcttcccga agggcttgcg ccccgggcng cccttgggaa 420  
 acccgaaggt ngggaaagga accnggttg gtggtcaacc ctgtcttcgg cccttnagcc 480  
 ctgtccgctg ttggggggcg cgttgggcac cggaaenttn ctgtccnttt ctgttccgaa 540  
 caccgggcaa tgcaagccgg agacaaaacg cctttaaag ccccgggccc agccctgcan 600  
 gtatatgca gggccctggg ggengggcct ggaactggcg ggccggttcc ccaatggggg 660  
 tgccctggaa ggctgcccgg gcangagtgg aagcactttg gggcccggtc ccaaggccgg 720  
 tggctgtga agtctagttt ttggcttta ccaaattgtt acaanaaatg gcattttaac 780  
 gttttctnt tgatgcctcc ctttgaaggc cataagaatt taagggggct tttttttaa 840  
 aaaaaantaa aaagaaaaaa ttggaaaccc canntnta nnaaantct cactacntct 900  
 ntntntntt aacntctnt cnttctttn cacantctn nattnnncc tctcttntt 960  
 cctanaaacc ttntntncan gncntntnn aattcacnnn tcntntntn anaacaatc 1020  
 cntctcntn tntcttggc caccnanact ccttttnn 1058

<210> 2091  
 <211> 811  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(811)  
 <223> n = A,T,C or G

<400> 2091  
 cnancctttg aactcccn gn cttttgcagg atcnnnnn gn agnggnncgg ncngagatca 60  
 natggggntg aanagatttt ttncagtna tgnnngccc gnttttccag ntgggcccag 120  
 tnatcancca tacatagttc atngatacac ctcnccagc gggtaggaa atgatggaaa 180  
 aaggagnaag aagnggccat cgtttttaac catccctct ggattngtcc tcaagtcccc 240  
 aactgccaag naggatgtgn ccatgtataa atgtgnggg catgactaaa gtaccgtag 300  
 ctgtccttta tatncattca cctagaaaga tctgcaaaga acncaaagaa aattgaccat 360  
 ttaatcagta aangtgctcc ctgggctagc atggcgctat agaaagtgg caggctttan 420  
 agttaagnga atctgggctc atatgtagt gntgctattc atnagcncta tactgntgaa 480  
 caaatngctn aaactatcta attttgggn tntttttncc atcnnaaaan aggggataat 540  
 aatanctncc tcataaggat taatcgggga gaattnaant aaccttcacn tatagncaga 600  
 aaanttcacc taccantcc ctttntctn acttcccttg gccccttcac taaaagacta 660  
 aatnccaagn taagccattc cannatgggg nanaacattn ttantccaa gtaaaaaana 720  
 caacccttta nctnatcang tcttgaanc ttnnaaaang ccagnaccnc nccnnaagg 780  
 gnctntcaaa aaaggcaaaa tccccagccc n 811

<210> 2092  
 <211> 796  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(796)  
 <223> n = A,T,C or G

<400> 2092

tnatcctttc	aactcctgtt	ctttttgcan	gatccnnnnn	ntcgaattng	gnacgaggtt	60
aattcattcc	tttccctgan	ngagactggg	ctctgggctc	cctgcgtggt	tttnatgagg	120
agcagaatag	agctgcagtc	agcagggagc	agggctcatt	ctggggagca	gagacaaata	180
gagaacagta	tctccttgcta	tatgcagggc	actgcaactt	acaaatcaca	gcgcatggcg	240
aggacgaggg	ttgggggtggt	acctctcacc	atgtctccag	ctgttccaac	ccgtgggtcaa	300
tgggagctct	gatgcagget	ttttgctgct	gggccttcca	ctcctccaac	tttgacgag	360
tagctcgatt	agggtagtta	atccggccta	gcagtgcctt	ggaggcatcc	agcacctctg	420
ggaaagagat	aatgtgagtg	ttgagcatct	ttccctttca	ccctccacca	cccaactggg	480
gatgaagaaa	caaagaagcc	agcgcttaga	ggaccagggg	ccccacatcc	cctcattttt	540
ccaagtcctt	gttgncacaca	tgttctgtcc	tctgtctccc	acctttctct	tttgtccagn	600
tcattgagag	tttccctgcag	aatcttctgc	ctttgggtctg	atgggggtcc	aaaaaagggt	660
ggcttccctg	gattggnggg	gaacnaggag	tcaatccaag	gcctttanaa	ctatnagtga	720
gtcganttta	cntcnaatnc	nanacctgaa	aaagatacat	ngnattangt	ttggacaaac	780
cccaactagn	aatgcn					796

<210> 2093  
 <211> 946  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(946)  
 <223> n = A,T,C or G

<400> 2093

ggcnnttnaa	acccttcngc	tacttggtct	ttttgcagga	tcccatccga	tncgnnttcg	60
gcacgagaat	nccttttaaat	ccctgggcag	caccgtnggg	gacaggattt	acccgncaac	120
agtgggtgatt	ctactttcta	aaaaccctga	gcccttttgn	ggggngcacc	agatnaaacc	180
cggggggcat	cattgaacat	gcaggggcag	attgcagaag	cttcagtctc	gggaaaaaga	240
gaangngggg	gactttgttt	tgctngcccc	ctctcttccc	cgngnggaat	ggatctactg	300
gtgtaggggg	agggactttg	ngcttctact	ggtttcaagt	acaagncact	gggcnnnnnt	360
ggagaagaaa	cttttganca	ggtgcnncca	ngaagggatg	tgatttgggt	atttggcacc	420
atcacccctc	aatcagnaac	cttggtattg	ttaccctacc	aggtggaaag	aatgggggnt	480
tccttaaaaag	cctcttgggg	aaacccctta	aatttccaac	ctttttctct	tttttaaaat	540
caagccttcc	gaaaaggcca	ttggttncc	ttaaaaatgg	aaaagcntta	tttccatggg	600
taaatggngg	cctttttttt	ttttttttgg	ccccgccttt	tttctttaag	cccaaaataa	660
ggattngggc	ctnggaaatt	aagtccncca	ggaattaant	ttttgggggn	aaaaaatttc	720
cattgggttt	tnaaagttan	cccaanctta	accccttttt	nccttttttt	tnaanaanaa	780
attnttttaa	angggggaat	ttangggntt	naatcctttc	ctttcctaaa	accngggggg	840
ggcccgggtc	ccncccttaa	aanggggttt	tncantttta	aaatccttcc	gaancctggg	900
gangaagggg	ggggaaaaaa	nancctnggg	ataatttttc	ctancn		946

<210> 2094  
 <211> 827  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature

&lt;222&gt; (1)...(827)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2094

ttatccttaa	actcttgttt	tttgcagatn	nntnnnacga	ttnnnnncgag	gctgcttcgg	60
ggactcagcc	atnttgctac	tgaggtgctg	ancgccgtcc	tcaaggntct	ctaccacctg	120
ctgaagcacg	tagtgtgtct	ggagcccgat	gacgtggcca	agctccatgc	ccagttggcc	180
ctagaagagc	tggatgacat	catgaaaaac	ttcctgttcc	ctccacagaa	gctggagaag	240
aagatcatgg	tcctgccgta	gacctggctc	caaggacgtg	gaggaggcag	gcagggccag	300
gcacccagag	cccgtgccca	ggtcttccag	cagggtggccc	tgctgcctct	tgagtgtctg	360
cagcatggct	gacctcggg	gtggttttat	ggtgcangtc	acttgggtct	tcanggtccc	420
ttccgagggc	atgtgttcag	cactcccgcg	tttcagcctg	aggggtgtac	agttaagaag	480
aagacagtta	cagatctcat	taatctacat	ttttactgt	cctctancat	tgaaagaagg	540
atgtctacct	ggtgaaagta	tattttaaca	tgactgatgg	aatttcacta	attgccact	600
cttcttggn	cttgaaggan	aaagcgggtt	ggccacccca	ttttgtcacc	taacctctat	660
antcttttct	aggcctgaaa	aattctttcn	ttcnnggaaa	aatgaaggaa	ccagaacntg	720
ggccnccctt	tggcttggtt	canaaaangca	ttttcannaa	ttaaggaaaa	tgccaatttt	780
ggaagttggg	ggaaggggna	aaggnaaata	ntttnttcna	aataaat		827

&lt;210&gt; 2095

&lt;211&gt; 961

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(961)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2095

gcaggatnnn	nnnnnnncga	attcggnncg	aggetnacnt	aagtcaaatg	cagtanacaa	60
tggatagtca	tcacagattt	ttgtacatgg	gacttcacat	accttaattg	aatatccatc	120
gtgtacaaaa	tattgtctca	gcaatgtagg	aatcaaggga	ataaaagctt	attctgatnt	180
tatagagcat	ataacagcca	tgtaaataatg	catgggtatag	agaaatcagt	ctatgatgga	240
tgtccagcaa	agttgcagag	cattatatan	agttgctttt	gatatgagcc	ctanaataaa	300
ttgggataga	gagggagtgt	gggaatttga	gataattttc	aaagaaaaat	aaaatatggg	360
gacaaaaaac	aatagataac	aatcaggtgg	ataagctata	ttttgaggtn	tttaaaaatt	420
gttttttaca	aattaccccc	tngtttttgg	agtattatta	tccttngccc	aaaattcatt	480
tccttaataa	aaaatatttt	ggcctggaat	aaaccctggg	ggtggggnaa	ataaccatta	540
aaaatggggt	taggggtaag	gaaaaanttt	tggggaaaaag	aaaatcccc	naccantant	600
tttttccaag	gttnanccat	ttcctntggg	gggaaaaaat	tccatggcct	tttaaaaaaa	660
atnttggaan	aaagnttnna	aaaggngccc	tttggggann	actnaatttn	ttaattnccc	720
cctaataaat	tttgggggcc	ccccattaat	tnggggnattt	ggnccecaaa	attttttccc	780
nttnggnaaa	nccccccctt	taaaccattg	gcttttggna	aaataagggc	ccattgntng	840
gggnaaaccc	tttccttnaa	atanaaaaat	anttttnggn	gggnaatccc	aaattgggga	900
anaaaanccc	ccntnnmtcc	cnnctccccc	ncnncncnnc	cnnnntnnnn	cnnccccccc	960
c						961

&lt;210&gt; 2096

&lt;211&gt; 828

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(828)

<223> n = A,T,C or G

<400> 2096

atccntnnnn	ncantnnnn	tttnngagca	gggatcttat	aaagggcntn	aaataagatg	60
tgtggttcac	atagatagn	agcgtaacat	ctgtattaaa	cataggagag	aagtttataa	120
agggcattgg	caataaactc	tttggtgcag	ctgtnttcca	agcagtgtaa	atactttttc	180
ctgtgattat	gtatagcctt	ggaatggcac	cttttaacta	acccatatgt	gtttggtttc	240
aatggntttt	tatatncaga	tgtatatatg	gtgctcactt	ttaggatcag	cagtgttnac	300
catttatgct	gcatagctgt	attattagcc	ttattagtgt	tgtggttgac	ccctnggggt	360
ataccaaatg	tcantctgag	tgggtgtctta	ctcctttgtt	tataagtga	tgattgccat	420
gtntgtatg	ncatagtatg	ccgncacata	aaaagggagg	gagccgaaaa	accattacat	480
taaagataat	atltggaccc	aactacttta	cttntcttaa	acantncttt	ntccccntta	540
acctnnccnt	cnaaaanttg	cnatatagtt	accagcnatt	gntntaaaan	taaaatnttg	600
gtgggnaaaa	acagcccttg	ggnctcttcc	cnngaattggn	ggggncttnt	tcntaatttn	660
ntcaaanntt	ctgggtcccc	ctcgggccaa	tttctntttc	tgggtntttt	aaaaaaaagn	720
nggaccaann	ntttgcaccc	ccctnttttt	aaaaaaaata	tncttgggag	nnaaccccat	780
nttaaanana	ntaattcccc	ccccacgtgg	aanaattgga	cgtnnnn		828

<210> 2097

<211> 868

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(868)

<223> n = A,T,C or G

<400> 2097

taatnctnn	nnntnnnnnn	nnntngcang	atcnnnnnnn	tcaatncnnn	angaggggac	60
tcgttaccat	cactcccacc	acaggctccg	atgggcccgc	agatgcccgg	gtccgcctcg	120
accgcagcaa	gatccggtct	gtgggcaagc	ctgctctaga	gcgcttcctg	cggagacttc	180
aggtgctgaa	gtccacaggg	gatgtggccg	gagggcgggc	cctgtacgag	gggtatgcaa	240
cggtcactga	tgcgcccccc	gagtgtcttc	tnccctcagg	gacacggtgc	tgctgcgtaa	300
ggaatctcgg	aagctcattg	ttcaacccaa	cactcgcctt	gaagctcaga	cgtgcagctt	360
ctggaatacg	angcgtcagc	ttgctggcct	catccgatcc	ttctctgagc	gtttcccaga	420
ngatggaccc	gagttggagg	agatcctcac	acagctggcc	acagcccgat	gcccgaattct	480
ggaagggccc	cagtgangcc	cccatctggg	ccaagcttga	ngaaaatgtg	ttggccttgc	540
cccccaattc	catccanacc	aanggntgca	aagtggccct	nncattcctg	tgtgtattta	600
aggggcccgg	gggaaggggg	aangggggcaa	ggaaaccttg	ggacctttgg	gtacttacct	660
tnaacttgaa	gggtnggtgg	aacaccaacc	ccctttccan	tttgtcaagc	aacttttttc	720
caacccttgn	ccaaattggg	ttttcccccn	tcntggggga	atcctccaat	tttcattttt	780
ggcacttgcc	cattaccctt	gggaggtgga	ngccaaanaa	aaaagggggc	tttaaccaat	840
tccttgttnt	taccccanat	tggaaggg				868

<210> 2098

<211> 812

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(812)

<223> n = A,T,C or G

<400> 2098

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aangaaccct ttnaactccc ngnncttttt gcangatccn nnnnnancgg tncggncnga      60
gattttcaat ttggagcatt aactttttgc tcatacacag ttaaataaat agaattagtt      120
ctatggagac ttngctgtta ctgnttctct tgggcagtg tagtattcac cctgggcagt      180
gagtgccatg ctttttggtg agggcagatc ccagcaccta ttgaattacc atagagtaat      240
gatgtaacag tgcaagattn tttttttaag tgacataatt gccagttata agcgtattta      300
gactgtggcc atatatgctg tttttctttg cagaataaat ggttcctcat taaactctaa      360
agattangga aaatggatat agaaaatctt agtatagtag aaagacatct gcctgtaatt      420
aaactagttt aaggggtgaa aaatgcccatt ttttgctaatt natcaatggg gatatgattg      480
gtcaagttnn tttttccaga gttgtngttt gccaaagctaa tcctgcctgg ttttatttat      540
atcttgntat taaangttcc tntccaatc ttngagtatg gctatcnata      600
cctgcccttt taagttingaa actaanctca tacattgcaa aatattgggt tagtatttna      660
actaccatct ggccnncnct cancaaattt ccgattagaa ccttttatcc cagctagngg      720
cccaataaat tngancaana agcctgaatt gnaaaaaaaa aaaanttnga ngggccaccn      780
tcctnngggg ntaaattaaa ancatntcgg gn                                     812

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&lt;210&gt; 2099

&lt;211&gt; 744

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(744)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2099

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nctcaatcgc acgaggccat gggcactgtg agcctggggc agctccccct gccccccatc      60
cctcatgtgt tctcagctgg cactggctct gccatcctgc ctcatattcca tcatgcattc      120
agataattga tttttaaagt gtatttttctg tattctggaa gatgttttaa gaagcatttt      180
aaatgtcagt tacaatatga gaaagatttg gaaaacgaga ctgggactat ggcttattca      240
gtgatgactg gcttgagatg ataagagaat tctcgaactg catgtattgt gccaatctgt      300
cctgagtggt catgctttgt accaaattta atgaacgcgt gttctgtaat caaactgcaa      360
atattgtcat aaccaacatc caaatgacg gctgctatat ataagtgttt gtcatatgga      420
atttaatcgt aagccatgat cataatgtta actaaataac tttatgtggc actgcctagt      480
aagggaacta tggaaagggt tggatttctc caaatctggg agaattttca aaataaagaa      540
aataaccttt atatgatata ctatgactag gctgngtatt tcttttcaag gggatttttc      600
taccttcang ggttgggatg taggttaatt actattacca ttagccanc cggtaggttt      660
tacatataca attttctttg gggagccaat aaaagntctt ccattttacc aaaaaccatt      720
tttaaatgta agttttggaa tant                                           744

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&lt;210&gt; 2100

&lt;211&gt; 725

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(725)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2100

```

agnttcgttc cnacgagagg acatgaaaag gagtgaanng ctaagaaacc ttagctgtag      60
tgtttggaat taacacttgg gaagtcataa ttgacaaata gagaaatata aatttgtttt      120
atatcagtta tatatacata tttataactg atataaaaca aattagattt tgacattaga      180
aacacatata cacatactgt aatatgtact ttcttcattc tctttaacct atattctggt      240
tttaagtttc ctggagcccg tggagtaatg ggacaggaag gctcagaggg tctctttact      300

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gatagttaag atacaaaaaa aactaggcca ggcgagctgg ctcacgcctg tgatcccagc 360
actttgggag gccaaaggcg gcggattatg aggtcgggag tttgagagca gcctggccaa 420
catggtgaaa ccccatctct actaaaaata gaaaaattag ccgggcatgg tggcaggcac 480
ctgtaatccc agctctaggt aggctgaggg aggagaatca cttgaaccca ngaggcggag 540
gttgagctga gcccgaaatc gcaccactgc cttcanactg ggtgacagan caagactctg 600
tcttggaang cgggggaaga ttcccnann aaanntnna nntnnnnnt nnnnnnnnn 660
nnnnnnnnnn nnncccncc ccntaaaaan ntttngggg gntttntcaa aaaaccnaa 720
aaaaa 725

```

<210> 2101

<211> 925

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (925)

<223> n = A,T,C or G

<400> 2101

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cnnnnnnnnn nnnnnntnnn nntnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnntnnn 60
nntnnnnnnn nnttnnnnnn nnnnnnnnnn nntnnnnnnn nnnnnnnnt nntcgccnc 120
ccccnctnn tnnccctcc cccnnntnnn nnnnnntnnn nnnnnnttan nattannaca 180
aggtagaat ccgnanttta ttncttaccn atgaagaatn catgnggagc ttgcttaata 240
aatcccttcc caccccaagc ttnntttatg actgataact agctccagct ggctttannt 300
tcagtatccc tagtgagctg actttcccca tcttgctctc ttctgcctac tttctgntc 360
cttctaaaca ttgtttgcac tcattttgca tctggttact actaccttct tccccacgta 420
ccattttaaa gaaaacttcc cagccttcct tgnataaac ttcagccttg ccaccattac 480
acagattaaa ttatagcaag aggttagtta atttctcag gggctctgtaa tccttactta 540
ggtcgggttt gccagaccaa cactcttctt gcaagtacta acctgcttcc tacattgggg 600
tgggtattta agacccttta atggcatctt gcaattatta agataaatga gcaanaatta 660
ttaacccaat ttacattggc cctgcatgtt ttttccctc gcataccaca ctanccctac 720
ccaaagccac tgtccctgtt gctcactggt gtaccatcat gctgacctt caagttcttg 780
ggacatacta tactatatta cttcctacca accagacttt gctcanttgg ttgcatgtat 840
tataataatc cttggaacta tgccctcca cttcccttc attgccaatt aaagtctttt 900
ttccctttaa aaatcagctt acatn 925

```

<210> 2102

<211> 1296

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (1296)

<223> n = A,T,C or G

<400> 2102

```

tnttnnatnn nnnnnctnn nnnntnnnat anttntttnt nnnnatnnac tnnatanann 60
tnatntnnnn nnnntcnc antnnnctc cncnntctcc tntnnanatt tgtacatcnn 120
ntcttatncc nctcctntnt ntgntnttng cccccccnc taacttnccc cccccacttn 180
antatnnanc nnnncnncn ngngntnaan nccnnggggg ggtntttatt tntccttn 240
gcccccccc cattanaatn cannttctnt tattatgagc nnnaccaaann tttntttggg 300
gtngancann ttccattntc ctgggggggt tttttttatt tanacnttn nccttctttc 360
nccttnnag ncctatctgn tgantctatn ttaatcttt cctnanantt gncntnnna 420
atnnnttnn nttntnnat cnnatctgn nccntccaan ttnagtntta tattttaacn 480

```

ntnttccnat	nacatcantn	cgctagacta	aactnaatnt	aaaaaccttc	atntgatcta	540
tnnatatttn	antaatactc	nnttnatttn	atttanttat	ttctcnannn	antntaann	600
ctctatttcn	tatctntcna	tttatatttc	nntacnctnn	ttttcttcnn	ttcanntaca	660
ntncattttt	catangcatt	ntctactcna	tnntaanaac	tnntntcttt	nantgatcnt	720
nactttnnnt	cntccctaa	tnctncttct	tcctcgnttt	cntncagnct	gttatnntan	780
tnactactat	catactanca	tnctactcna	tatngtntan	cacgatattct	nnnnananct	840
tnntnancta	ntnaactctn	ntnttantan	ntantatat	ntananannn	ntntctntcta	900
ctnttccacc	ttnttatatn	tcttatatat	anttactnta	tatnanatna	cnntattcta	960
nnattntnct	nnttacnngt	ncanntanct	catatntctt	atnntcnntc	ntctatntaa	1020
tcactntact	tatactntan	taatatnttt	attnannctn	tnacngctac	nnntctacac	1080
tnctctatnt	cntacgttac	ntganttant	tcatanctgn	atatgtntnt	atagnnttct	1140
ganctanact	nantattcta	nntantnctt	ntccatncac	tnnttgctcn	tacttantat	1200
tatnanatca	tcntctcaca	atganatcac	tgnnactnta	ctttntaat	gcatantntn	1260
ttgtatttat	catcnactct	cacnnntctn	tannca			1296

&lt;210&gt; 2103

&lt;211&gt; 729

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (729)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2103

angtttcgtc	ntctgatgat	nacactcact	taatancnnc	cgtttaannt	gatgaatgtg	60
gctttttttc	ccttcacttt	antgntcaaa	aantngtgge	tattgagnan	atttcttctg	120
attnattctg	tgacancctg	ttatcngatc	nttatgtaat	ctttcagnag	attttcatcc	180
tttcatatcc	acattcttat	gtggacttgc	tgaagaaaca	gaatatcagt	tcaaaacaaa	240
acctaggcca	ggctggtctc	aaactcccga	cctcaggtga	tccaccaccc	tcggcctccc	300
aaagtgggtg	gattacaggc	atgagccacc	gtgccgagcc	ttccttgaag	ttttttgttt	360
ggntttgatt	tgttttgntt	tgntttgttt	tgttttgttt	tgttttgttt	ttgggatag	420
ggtctcactc	tgttaccat	gctggagtgc	agtggcacaa	tcttggtcca	gagcaacctc	480
tgccctcccag	gctcaacaat	cctcccactt	cagtctaagt	ggctgggact	gcaggcacgt	540
gccaccagcc	cagctaattt	tgngttttgn	taagagatga	agggttgcca	tgttgcccac	600
ggctcgtnnt	ggaacacccg	gggcttaaag	gaatctgccc	ttnttcccct	tccaaaagtc	660
tganaatagc	agggtgtgant	catcatgccc	ancctcttgg	aagtttactt	aaccaatnng	720
gaaaaacng						729

&lt;210&gt; 2104

&lt;211&gt; 761

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (761)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2104

antnttttcg	aattcgcacg	agggtgttgt	taccgtgtgc	cantgtgtcc	catgtggggt	60
gtgccaggta	gagaaacagg	atttcaatcn	tcatgtacac	agttcaaacc	cnggcttgtn	120
nagccatgtg	ggctgggtga	tggattcccc	tgagcacagg	ccccgtactg	cttccatcag	180
ctccagcccc	tcagaaggga	cgcctacagt	tggcagctat	ggctgtcccc	tcagtcattg	240
cccaagtccc	agcatccttc	ccatgaactg	ctcaaggaaa	atggcttcac	acaacacgtn	300



taccataagt	ntcgnaggcg	ctgccntaat	gagcggaaac	tcttgggcat	nggccaatct	360
natgngatga	acacactctt	cacgctttnt	ggacttcttn	ntccgaganc	acttnaacna	420
aaaanatggt	atgacggagt	tcaangcacg	ctgggctctt	ggaggancgc	ccaaagaaag	480
gctacanatt	tggtttggaa	gtgccttttt	cngatactac	anttattggc	ctggnaaaaa	540
gaannntncc	ggctggncat	attcnaggga	ttttcangan	ggaaaccggn	gaangactat	600
naagcctggg	ccaactntat	tgggctggan	naanttctgg	accttnttga	aatattccaa	660
agncnaaaat	ttggacattt	gnccccaac	nngcnanaaa	nnctctggaa	aatccgacg	720
nttttgaaga	cttccgagg	ngattcccc	ctnggntgan	n		761

&lt;210&gt; 2105

&lt;211&gt; 1451

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1451)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2105

ccnnnaaca	aacnattaa	gatnnnnntn	tatnntnagt	tnntttngna	caagaantnn	60
cnnntgttna	ntacncnnnc	taancncctc	nnnttatnt	atntaaatct	nggntaaaaat	120
ccctttgnc	cctnannntt	tanaaaaaaa	ntatanattt	tagagagnga	ctnganatcc	180
ngngggnttt	ttaaaancga	tannnacana	tnaannacta	cntnttgnta	gncnaaaata	240
tnaagcngan	aanatttnnn	antntnnaag	cgncaganna	tttnaanntt	nagcnaaaant	300
anncgtagaag	nntnngatga	caatanntnc	nnnncacnan	naatnaatcn	acatanatatt	360
ntnagnntaa	acatatacng	canacatctt	nantatnacc	tnatatacna	acacactntt	420
ntcgnntanga	tnntatctta	tacacnnnna	tagaactatc	gtgttnacan	tnatntanta	480
tanatnacat	ngcnnccat	nancgagnac	tataaaantn	tcagnannac	tctnatanaa	540
gnacatatna	ttngncgntc	tatacatgtc	aanaaacnac	ttagnataca	catgatanat	600
acanaaaaaac	tgatntacat	ccngatggnt	ntataacaga	tantgaatng	tagacaatat	660
cttagaatat	anatnangaa	taaaaaanna	ctnatntaaa	tnaaanatgn	atncatnaaa	720
nanaaaangtt	agatntctta	gttctntacna	tgngatcacn	ctagatcata	tataagaang	780
naaatatcnc	nacagananc	tnnatnaaat	atanctctca	tnnatnttga	taanacacgc	840
tatntacgga	taaattacta	anntnatcgc	anatanaant	cnangtgtgc	aaanaaaanaa	900
nacataccta	catgncacta	ncacgataca	gactnttanc	gatcttnacg	ngngtcncat	960
ctatattttg	tanantacna	nacganance	ntncgaatac	aatacaanca	tatcnnatat	1020
tgtatnatat	atattntata	gaaatnnaan	ngacttaang	tgctgatgtc	aatcacntgn	1080
ctatatgnna	ctganngnna	ncaaatacan	ttactacata	agatatatnn	atntaatata	1140
nacaatatat	tacatacatt	cnantatgna	nacncgaant	gtnaancact	ntanncannt	1200
atgacacaat	cgnaatcat	nctntatnac	cgaannataa	atntnatatn	nngaatagag	1260
acgacactat	aagatnanat	gtagnctaan	aanactaann	ntanncngtn	acnnatatnt	1320
cntcgatnta	actgttagtt	nttannacnt	anttannata	tnantataat	ntatngagac	1380
actcaaatna	tatntacnnc	ntnaacnnta	atagtgncta	natatntaat	nnnttgatta	1440
tanctannnn	a					1451

&lt;210&gt; 2106

&lt;211&gt; 1509

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1509)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2106

tntnnnnant	accntanntn	atntecnata	nntnnannca	taattncaan	ntannttnnn	60
nnngnancatc	nnanntggng	gacgaaccta	nnacgcttnn	cnntatata	actattatng	120
ccnncntncn	mntatccnc	cntcnttcnn	ctntnttna	aacntaaaaa	cccgggggaa	180
taanatnnac	acttecncc	ccgtctaant	tnttaccana	acannantac	tcttnacn	240
ttttttntn	cgaggtancn	natnttctac	naggggggnt	ttttttntn	anaaatttat	300
ctnncccttc	nttaantncc	attanntatt	ncantnann	aatcttcaat	acattccntc	360
antccnannn	tanaagtcca	nccnnaaacc	nangacntnn	accnncntta	aaacacgnan	420
agatatntct	nnaacnnata	ctntnctccn	antntnttgt	tcaatctatn	cagnatntcn	480
tancactcaa	cnacnccant	aannacntnc	gnatnatntn	tnataccant	ntacctaact	540
ntncacncna	ncacnttact	ctacatnnna	cttctcatcc	tcgtatngna	ncnataatta	600
canaatttac	ctctatccan	tgnttnncnn	ngtnttttaa	ataanccttan	catattatat	660
naaannctat	ctatccta	ctatgcantn	natactctatn	ncttctctac	ccnaactatc	720
atnatnttct	cctacnancn	ttctaccnnt	acatgnnaag	annactaacg	tnatnactca	780
catcncata	cntaannect	ntnancctca	ncccaannan	acnnnacaca	nncttacnta	840
tnnctancac	antnatctcn	ntacnaannt	tactctantt	tcgagctana	cgatantcaa	900
ngtatnttnn	catactctcc	cncnctttt	tataattann	nacnngaant	cacanntctc	960
aacnnacect	aancatata	actatcnacn	cgantntntc	ctatnttgt	atncnaanta	1020
nnctatctnca	gnacnctgc	ctaacncaat	atctctctac	tntgtaanga	acntcactat	1080
ttatcacctn	annatancat	ttatanttag	naacnnntna	tanatatact	tnnctatctn	1140
nncnacctt	anctcnctat	ctacgntanc	nctcnnatcg	ananttatnt	aanntanaca	1200
nnctacanta	cgnattgcan	cccacnana	ntatactacg	atccntatgt	gnattccttn	1260
tntccacna	ntnntnanac	tatcantatc	tattncgncg	nacaccacnc	naatncctca	1320
cctaacattn	ncacacaccc	ctncntttcc	catgnttttc	aaanatacat	cnnntcatat	1380
agctancgca	tntacngctg	cctctacnat	ctganggntt	atatgcaa	nnatcatata	1440
cancntnatg	cnatatacnc	ncatanatac	atnctccatc	nnntatntac	tatntacncg	1500
atgcgcca						1509

&lt;210&gt; 2107

&lt;211&gt; 1314

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1314)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2107

tnnnnnantnn	ntnnnnnnntn	nnnnntnnnnn	nntnnnnann	tcntntntnaa	nnncncaatn	60
attcnacata	atactannga	tggtcnnttn	nnngaantntt	ancnntatct	ctcantatnn	120
antannan	ntatntnccc	ccnctatct	tancnccnac	tgcatcannt	tntntntnaag	180
nanntcgaat	cggnnecgnan	ntnantnant	attatggccg	ncnagnanan	actnaaccag	240
gatgtatngc	agaancctact	tctactcatn	natcaacntg	ncaanngggg	gnttttttaa	300
nnaccccatc	tnnacaggtt	gacnatacc	anggcttggg	aagagcaata	ccaacaagat	360
ggctttccca	nagactgaac	ttccgtacnn	tttcatcat	naatgcaa	ancnnccaa	420
atcctnggan	aatncaaaat	tataannaag	aacccttnaa	nctnttttat	ttctnactcg	480
tntngtnnaa	aagtatnctn	ctcnncgacn	ntcttcanat	ttctttactn	tgntactttt	540
ntanacnttn	aatntcactg	antncgngnn	tnacntattt	ngtgnattaa	cttatntatg	600
tctntataaa	tcacantata	atgttatgtc	taatnggnaa	antttatacg	ntttacataa	660
cttnnctnta	nnnctgtaac	agtnttcagc	aactatcnnt	tatctngctn	annctntact	720
ccntacnat	actaatanaa	anctctntct	nnntaanacat	tcnntactna	aaganctana	780
tntntnecat	atnaattcta	acntngacta	cannatnaat	nnngatncat	atatcnaatc	840
ntatacnatc	tctctctcnn	nnaaanancg	caaatnanac	atatgtgtat	naaaatacnn	900
tatatatnnc	ntttacnnnn	ttctatcnta	taaatnntnt	acntctaatc	gtgggnatta	960
tatntatcnn	atctnccatt	angcccnntn	ggntacnana	tattcnnctn	accntnncac	1020

gntactanac	tanacatatc	tatntnccct	ctcntacgca	nattattnct	attcctcaga	1080
tantttccaac	gatgaggntn	gatacntnnt	nntttacgct	naanaantac	aacataaatc	1140
tctcntatcn	atgtntnnan	acaatcaana	cattntcnct	acttncgaca	caacaactcg	1200
ctntctcatn	actntnnnca	ctcactatnt	aatatananc	agannnnnncn	tatcatctaa	1260
gcaccccant	tntnccatta	ntacttngtt	attacatect	ctnctctctc	nnca	1314

&lt;210&gt; 2108

&lt;211&gt; 1456

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (1456)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2108

ncncncacnn	ttnacnnncan	nnaacgacat	ctcnanntat	annnnngant	anntncacan	60
tncnnnnaac	tncccccccc	cactcncccc	cnntnncant	ttaancancg	cactttctgc	120
cttaaaaaag	caccnnntat	actacagtgt	aaacantatt	tnnttnacct	cnantttggn	180
gengncccc	tcnncacctc	atgngggngt	nttttttaan	ttcancatnn	ncecatntaa	240
ntatcaatat	cgnnantnca	cctcnanata	gttgnatttn	tctaacttan	caacnataca	300
ctacatacan	actnanacnt	cctagtgcac	ntanacnnan	gcatacnnc	atnntatcgc	360
aancaaccta	ntctctngta	nnnnacngtc	atttnnnact	catatcctna	tctatacaan	420
aanncnctaa	ntntatatct	acgtannctn	tnacaaatca	ntaacnaana	tcnnacntnt	480
acatatcgga	ctnntanctt	acnctctcat	tntctttcnn	tnaacatacc	gtantnnntc	540
gcaactatan	atngacatat	atncngtaen	ncannnttac	tntctcncaa	cgcatannta	600
nanncanncg	caaaanatac	gcaacgcatn	tnntnacgca	angcnatccn	atannattca	660
tnnctnaact	cntategcta	aactnattca	taactngatn	acttaccccta	nnatctnacc	720
aatntatntg	ntcaccccaa	nnncttnagn	atnatcaatt	ctnnnnnctc	tnnccncenc	780
tanagaaatg	ncctttntaat	cttttctnac	gacttaccca	atctatgatn	taanctctac	840
atcacnanac	antacannna	cctanncnat	tcanaagtan	atcntacnna	cgcgttagna	900
nacctanena	cnacncatca	anantcgtea	nacctatcta	tcgactcnnn	cgnacgtatn	960
ncacnncac	nategcntna	cacanacnac	nacnntangt	tactaaccnt	ctagatctct	1020
tcanaacnnn	nnnaactcna	ncatcgtaat	ccacntattn	cctntaccac	cnatcnatct	1080
ntanttcnaa	tcgnatctac	acntntactn	tacatctacg	natcnatca	antanacaan	1140
ntanntccnc	atantnctnn	ccaatgancn	aananacgta	ntangcnatt	ncntcnttcn	1200
caacgttnta	tagntancnn	angtccntna	catagcagnt	tcnntctann	tnngatatta	1260
cnatnntanc	acntattatc	cctntcaent	tctattccnt	tnnaaatcnn	atncctatna	1320
tnannccact	tatcnnnccn	atgcactana	aacacnatnn	ncctctacnn	cnatnccan	1380
nannancatc	tatnacacnc	tnnacntacc	tntnnttaan	tnancnctn	actnnnnccn	1440
cnnacnaaca	cannca					1456

&lt;210&gt; 2109

&lt;211&gt; 1107

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (1107)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2109

acnttcgttt	ngaacaatat	gcaatgtgaa	gcggtcgcnc	gtgagtttag	taaggctgtg	60
tacactgact	acacactncn	ggnatgcatt	agcnacgtgt	gtgatgagng	ggaaatttgt	120

tttatatcag	tnatatatac	atatntataa	ctgatataaa	acanatgata	ntttgacatt	180
nganncnmnt	nnanaccatg	cngtccaana	gngctcccta	gnntntctct	gncatngtan	240
gaagaccgta	acctntnttc	actncnatgc	accttnaatg	caantcagac	ctatttccct	300
ccttggggcc	cccctnnatc	tgttccacca	nccttatttn	gaanggnaga	acanttcanc	360
aaanggtgga	ggnggganan	canngnnacc	ntcctttnaa	ncnngaannn	attccccctc	420
cnngantnga	aaaancctat	tgncctcttc	taattaagna	gagntcanca	cgntnanacc	480
ttntnctcta	ngntnaaaen	nactntantt	nmncgcnggg	nttttcata	mntaccctc	540
annctncacc	ccttcttnac	ntnctccta	cnnctatccc	cacnatntcc	caatccctaat	600
ntnnatanna	antnagccac	gtcngctnat	cnnncacttc	acacaacatn	natctnctac	660
ncacccacnn	ntntttntct	ctctcancnt	acntacatnt	catcnaanca	cantctnact	720
aangaaatca	attcnannat	nnctcancct	ncttntnttc	ntnnnanagt	tnnnntcac	780
ncgtntaatc	tcattngtnt	nngactatca	getcncanna	ngtgtnnnnn	cgacatctca	840
tcgtaacct	tatcngcnnc	ncnctctaan	ncnananaan	tancngttta	tatcncnctn	900
natnntntct	acntntaact	cctncttttn	cntgatttna	gccntantct	nttnangnct	960
naatgnttca	tatatacatn	ncttttcgcn	cntncaccta	cncctcaata	nncgtatnnt	1020
ctngntcanc	cnacatatac	taatntannn	ncntntnnta	tatnctatat	tntctgctan	1080
ctntnattcn	acntnctctg	ntacgcc				1107

&lt;210&gt; 2110

&lt;211&gt; 1475

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1475)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2110

cccnaaccng	tttnttttnn	tantannnnt	tnnccnannn	nnnnnnntng	anaantanac	60
naccntaan	ntntaagca	annncnataa	ncgnnanatc	ntanncttan	cntangcnnt	120
tannntannt	naatngnang	ggcaaanatn	antannnttt	atnanncttn	ttaanccttat	180
ttntntcccc	cccgantcta	cntaccccn	acttcntaan	cnnannnnac	nananaanaa	240
anaccngggg	ggtcnatcac	nttaatgagc	ncgccngcatg	naatgtaaaa	ntccnanaat	300
ntttcnatt	ttgcannagg	agcnananga	cnatatgcgg	ggggntntta	taannntttt	360
natnccccct	tactttaact	anntccnnnn	nnaacaatnt	nctnctcccc	cnatnntant	420
ncncanntte	tacnnnannt	nnnnctctct	tnntntcncg	nanentattg	nctttnnnnn	480
taanatnaac	tntattnatn	attanncn	cgnnattaac	annccgcata	nacantntta	540
aatttnnttn	ntntncttn	cctttntacn	acataacnta	tntatnctna	cntacaannt	600
atnaatntac	cnantaacgt	ctantantca	ntatnnttca	tantcacact	gactcngcnn	660
tattatanan	tcantantat	cgntaacatn	tangnatata	acgatcgat	catatcntac	720
nttctcntat	cactntgntt	ctangntact	ttanatagc	ntaatantct	nantactnct	780
tatntcacgt	acnatatnac	ncntacgata	antataactt	acngatttnn	tcacntancg	840
tatnttatac	natcatnttn	ctctcaccac	tactanccaa	cnnanatatn	nntnaaantc	900
tnntttcta	ttaagctacc	cncgacgnat	agncgatant	atntananat	attcaaactn	960
tnacnnntnn	cntnacatat	ctcacacant	ngnannctcc	tttttatgna	nctaanatat	1020
ncatntnnna	tctantatct	tatataatac	antatnctca	cactcatcta	ntnatntcan	1080
ncctntnata	tacctnttaa	nactctenan	atgntatcat	cctcanccac	tctctnttac	1140
ggatatttct	nnatncatcn	ntatgctaca	natacaangt	agtactatan	nacnctant	1200
nacgatatan	ttatgtancn	canatngcta	tnacnncn	anncncgata	gntacattat	1260
atttnncgta	actnaaactt	atacnaatnc	gctgntntna	tanactatcn	atatctanag	1320
cataactnnn	tattatntaa	tacnaagctn	tnatctcgtn	atgnatcacn	aaacctntct	1380
atantcacnt	natgtacnat	atctatctat	atctaannat	acnccaacca	cntntacgta	1440
ttctaaccat	ntctntata	agtttcanat	accca			1475

&lt;210&gt; 2111

<211> 950  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(950)  
 <223> n = A,T,C or G

<400> 2111

nnnnnnnnnn ntcnnnnnnn nnnnnnnntn nnnnnnnngn natcnnnnnn nntnnnnnngn	60
gnantnnnnn nanttnnnnn ncncnntntn nnnnnnnntn nnnncgccnc ccncctnana	120
nnnncccccnc tcnnnnnnnt nntnnnnnnt ttnaantaca anttcggcac ggaggataaa	180
catcttttta ttcaggancg ctgcgnacnc taacnnncnn ncagggnntca tgggattggg	240
taccgaggng tgaggaggga atctgcaatn ggcttgntac aagagaacac gcccttttct	300
ctgnagattt ccgcccacag tcgtaccata ctctttaaca gggcacaaaac gtcagcaact	360
tcaagtttcc tgtgaggatn aacatccaga gtttctaata actaatctcc atngtgcaaa	420
agaaaaggcn taacctcagc cccttnagac agcttatgcc angagaagtt catgaggtat	480
tntaanaaag gctgtngtta ctgnccttat ttctngnga gcaaggagga agactgtnac	540
taatatttnt tgggaatacct aatntgtacc acacagtgtt ccagagctn taganatatt	600
aactcacata attntctaaa taacttgaag aaggtnata ggaattttta nctccatttt	660
acaaantgaa aaaacataat gacagnattt ggggtgacttg cctaangggc acacaggcnt	720
catgangtaa atancaaatt tagcttnag cctcagaatc ttaantcaaa agcccttatg	780
cccaagcnc gcaaaggaag annaagaaaa atccacggan ggttnagttt ggtngnaaac	840
ngantgaang gntccntggg gtgtaaaatg gagtngtgga acccctggag ttattttnaa	900
nttnttcttt ntttntctgaa nacccttag ggccaaaatt nggaatggcg	950

<210> 2112  
 <211> 710  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(710)  
 <223> n = A,T,C or G

<400> 2112

antttcnttg gctgcttatt acgctcacta ttatcaacag caagcacagc caccaccagc	60
agcccctgca ggtgcaccaa ctacaactca aactaatgga caaggagatc agcagaatcc	120
agccccagct ggacagggtg attataccaa ggcttgggaa gactactaca agaaaatggg	180
tcaggcagtt cctgctccga ctggggctcc tccagggtgt cagccagatt atagtgcagc	240
ctgggctgag tattatagac aacaagcagc ctattatgcc cagacaagtc cccagggaat	300
gccacagcat cctccagcac ctgaggcca ataataagaa gtggacaata cagtatttgc	360
ttcatttgtt gggggaaaaa aacctttgtt aaatatatgg atgcagacga cttgatgaag	420
atcttaattt tgttttttgt ttaaaatagt gtttcccttt tttttttttt ggaaaatgcn	480
aaantnttn tcentcntga tgggggggta ntttttttgt gnaaaaaaaa aaatgggttn	540
gttttttagt ttaaggggaa atgccccttc ccncaaagg tttggcaatt atggggngna	600
gccttgggga naaaaaggcc ttttnaagga accttncctt tnaaaagcct ntttgggctt	660
ccaataaang tttganccca aaaaaaaaaa aaaaaaaaaa aaaaaccctt	710

<210> 2113  
 <211> 815  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(815)  
 <223> n = A,T,C or G

<400> 2113  
 atnttttttcg aattcgcacg aggttgttgt taccgtgtgc cccgngngaa ngacggacac 60  
 tgtatgccac natgccnatn tttagngcat ttctctgac caaacaagct ngattgtttt 120  
 cagctaacag taaccccaga tgagggttac taccagggtg gaaaatttca gtttgaaact 180  
 gaagttcccg atgcgtacaa catggtgcct cccaaagtga aatgcctgac caagatctgg 240  
 caccccaaca tcacagagac aggggaaata tgtctgagtt tattgagaga acattcaatt 300  
 gatggcactg gctgggctcc cacaagaaca ttaaaggatg tcngtttggg gattaaactc 360  
 tttgntttac tgatcttttg aattttgatg atccactgaa tattgaagct gcagaacatc 420  
 attttgcngg acaanggagg acttccggaa taaaagtngg attgactnca tcaaacgtta 480  
 tncncanaty ataaaaaggg gacctattgc agggcccnat gggccttnng cnacaanctt 540  
 gtcttcttac cntttaaaac naagtnatgg agggtnggcc ccccnttttt ccggannttt 600  
 aaagcctgcc cttttnnann tncntgggn ntngccccc canttccctg ganaaccctg 660  
 ttgccccctt caanaaaaga aaaccatttt ttcatagaac tngcctnctn ttgngtntt 720  
 ttngaggaaa ttttttnnat taaaataaca ttccnnnaaa aangctnttt aggggggcttt 780  
 nntnaaaaaan gccttttctg attaccntt tannnn 815

<210> 2114  
 <211> 898  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(898)  
 <223> n = A,T,C or G

<400> 2114  
 ccnctnccn tngtnnnncn nggcgetnnn tnnnngnnnn ncnnnncccg nngngngncn 60  
 gngnecngtn nntnnnnnnn tntngnctnn nccgectnnn ngnggggncn nngnnnnnnn 120  
 nnnnngggtn ggngannnnc tntcgtnnnc ctncnngenn gnngnctent nttcncttn 180  
 gngnntnecg gnccecccgc gccnncnntn tncecccccac cgcctntent nttnnnnnnn 240  
 nttnnnnnnn tatnngcncg tntaaacgtn nntcctntggg ggggggggnt nttcatnttt 300  
 ctncnncnnc nnnnggncnc nccccccna nntgnngncg antnnnnnnn nntnnnnnacg 360  
 cgagagnega nncnntnctt cgentnctnn tntgncgggg nggcnntntn cnttncgcc 420  
 tcnngggggg ntttttttnn tggngcncag ngeccnngt nancntncn ctctngggg 480  
 tgntgntcnn cgggtctntt cccntctcnn nntctctant tncgttnnac cnttttcann 540  
 tnnngntcc tctcncntcn cncncnnc cctttgnaen nctnnntnan tnanctnnnn 600  
 tctncgetn gcncgnnttc cagttnngtt annctgtcn cnnncgcn nactncnnag 660  
 ngtgntcgc cnccttngg tncegncnnt ttgccgnata tntnncntc nnncnnttgg 720  
 cmtgtcnnn antntagnc tngcgntnc gtannngca ctctccggn nngtngncnn 780  
 cngtacnecg catcctnan ntgcgtcnnn ctengannnc anccnctn tctntngcnn 840  
 tnnnnnccct gntnannatn tctctnngan ttntntnca tancggggtn cgnntnecg 898

<210> 2115  
 <211> 1351  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1351)

<223> n = A,T,C or G

<400> 2115

tccttangca	acgatgttan	tnncnatcnt	gcacatnato	nttactacac	atctatcttt	60
cnngcgtacc	tnctacagaa	tnntantca	ccncatacan	ctantnntct	atgncccccnc	120
cnmctttacc	ccnccccnt	annanncntn	naaacntgaa	nccngggggg	tnntanttan	180
cccttggecc	cccggtanct	nttatanaaa	aaatacgtaa	nantattnaa	gtttttnngtg	240
nctacnntnn	anccatntgt	gnngggnnnt	ttnttnnant	tcacgntcca	cctttngttna	300
acnncnannct	tnatnacatn	annagnngac	acntcacent	cnacannact	tnntngttat	360
ntttactaan	nnattganaa	tatcnctact	nattctaaact	ggngnctacn	cttgngannn	420
antgncgnnn	nancacttcc	aannagaaca	ngnttttnaca	acagtantgt	cnactacnnn	480
nantnatcga	tcactntatn	antnnacntt	ttcntttatct	ctanntactn	gacttttccct	540
acnanttcca	attacnnntn	annancntcn	ctntacttta	ntccttanca	ctananatcn	600
cncacaacna	ntacacnaaa	taactntacn	ancgnentat	taantaagct	aaggaccgna	660
acnatcgacn	tatanncacn	ctacnttnta	tnacnntct	tnantaacna	aatntancat	720
aggcganagg	natctacact	anacncatat	ccttggtccaa	aagataccct	aatggnttac	780
gctacgtnnc	gatctccaac	ntaatcttat	atangntata	catctcttnt	cacgatacta	840
ctntacgtat	acanattgct	cgcnacttca	cgntatntca	ctnaagntat	gcccntntct	900
ncatctgntt	atatanngcn	attcaaattn	cngctctcnt	naatgtaact	aannttncgt	960
ntcgattgnc	acncttannt	agcntatgnc	aatctnntnn	tnntcatat	nttgacacnn	1020
ancnttgga	tatctntaat	tttgatcacn	tatnttnaat	tangtacgca	ncgnaatgtc	1080
ttctantgta	cgtgctataa	tnatnngnc	tgtaccgtna	ctantgtntct	caatttatct	1140
cacatatana	cactatatacn	aagtangntn	caaatnatat	ntacngtann	tnccctttacn	1200
ananatnact	atctactan	nattatacta	tttaannngac	antatcanct	ntnngnacnc	1260
nacgacgcnc	ntataacnta	ntacnttct	attacctatn	ntctcacctc	cctactcatc	1320
naaantance	atgtntacac	angnaaangc	a			1351

<210> 2116

<211> 705

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(705)

<223> n = A,T,C or G

<400> 2116

anttcnatcg	ccgaggcccg	tttgcaaaaa	tgcagcaaaa	aagttactta	gtctggctgt	60
ttagtagaat	ttacctctac	tcattcatca	gcctctttat	atatatgatt	ttaagtcttt	120
tcattgcact	gatcactgat	acatacgaaa	caattaagca	ataccaacaa	gatggcttcc	180
cagagactga	acttcgtaca	tttatatcag	aatgcaaaga	tctacccaac	tctggaaaat	240
acagattaga	agatgaccct	ccagtatctt	tattctgctg	ttgtaaaaag	tagctatcag	300
gtttatctgt	acttttagagg	aaaatataat	gtgtagctga	gttggaacac	tgtggatatt	360
ctgagatcag	atgtagtatg	tttgaagact	gttattttga	gctaattgag	acctataatt	420
caccaataac	tgnttatatt	tttaaaagca	atattttaatg	tctttgcaac	tttatgctgg	480
gattgttttt	aaaaaaactt	taatgaggaa	agctattgga	ttattattat	ttcttggtta	540
ttttgccatg	gctttagaat	gnattctgna	tgcctctctt	ttgctctgat	ctgggtgctct	600
gctattctga	tgggcaactg	nttaatagtg	ggaaacaatc	ctgggctgnt	gggctttggc	660
aactcagacc	ctgnttggnc	ctctcaggag	tcctcttgaa	agagt		705

<210> 2117

<211> 737

<212> DNA

<213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(737)  
 <223> n = A,T,C or G

<400> 2117  
 aagttcaatc ggacgagacc cttcttgctg tatctccggt gtgtatcagc tctccaactc 60  
 tatgtcataa ttcagttcat ggggatcttg attaccttc ccttccacaa aatattacac 120  
 tgattggta tatcgatgac attatgctga tttgacctag tgagcaagaa gtaggaacta 180  
 cattagactt agtggaaaga catttgcatc agagggtagg aaataaatat gactacaatt 240  
 caagggcctt ctaccttagt gaaattggta gggaccagc gacatggggc atgttaggat 300  
 atttcttcta cggatgaagga taagtacttg catcttgctg ctcttaaaac caagaaagag 360  
 gcacaatact tagtgggcct ctttgggttt tggaggcaac attttccaat ttcattatgt 420  
 tacaccagcc tgtttaccaa ttgactcaa aagctgctag ttttgagtag ggcccagaac 480  
 aagaaaagag tctgcaacag gtccanctg ctgtgcaagc tgctctgcca cttgggtcat 540  
 atgatccagt ggtgtttcaa tggcagtggc aaataaggga tgctgtttgg aagcttctgg 600  
 caggtcccta tangtgaatc ttggtttaag attttagagc caaaaccggc ccttttacc 660  
 aacaaaataa ctagtctttt ttttgagaaa acaagcttct tgggcctgct actggggcct 720  
 taataaaaan tggatnc 737

<210> 2118  
 <211> 738  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(738)  
 <223> n = A,T,C or G

<400> 2118  
 agttcntttg gaacaatatg caatgtgaag cggtcgtgtt gtgagtttag taaggctgtg 60  
 tacactgaca cctttgcagg catgcatgtg cttgtgtgtg tgtgtgtgtg tgtccttgtg 120  
 catgagctac gcctgcctcc cctgtgcagt cctgggatgt ggctgcagca gcggtggcct 180  
 cttttcagat catggcatcc aagagtgcgc cgagtctgtc tctgtcatgg tagagaccga 240  
 gcctctgtca ctgcaggcac tcaatgcagc cagacctatt cctcctgggc cctcatctg 300  
 ctgagcagct atttgaatga gatgattcag aaggggaggg gagacaggta acgtctgtaa 360  
 gctgaagttt cactccggag tgagaagctt tgccctccta agagagagag acagagagac 420  
 agagagagag aaagagagag tgtgtgggtc tatgtaaatg catctgtcct catgtgttga 480  
 tgtaaccga ttcattcttc agaaggagg cttgggttca ttttcgagta gtattttata 540  
 ctttagtgaa cgtggactcc agactctctg tgaacctat gagaaccgcc gtctgggcc 600  
 cgncatgtnc ttancacaag gggggccnc cgttttgagt gaaggtttct tganctgctc 660  
 ttgaaataaa nccttgcttg gctgcttggg ccttgggcnt taattcaaat ctattgaatg 720  
 cttgttgncc cacgtttt 738

<210> 2119  
 <211> 685  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(685)  
 <223> n = A,T,C or G

<400> 2119



```

ttcataaggg ctctagaaaa aacgagttat tcacaccagc atcatcttaa ctaacattct 60
gaactagtta gtgcagcttt tcattgtgtt gtgtgggttg tctcataact aggttgagtt 120
tttctcctct gctgaggaaa cagtaccgaa gttctttttc ttgtggcatt tgtattataa 180
aaacttgggt tgggggagga gcacaaaact ccagcccact gaacctctgc caattaagat 240
ggtgttgggt taggttacat ctggttactg tcctgggaaa atcattttta tagagatggc 300
cttccaagtg gttttaaaat ttactgaagt ttttaggtca attatgtatg ttgactaaat 360
ttacaaataa acttgtttat ccaactaagt gtccaaaacc taaattgaat gtactaagtt 420
ttcacatgtc ccattatcta gnccttgnat actaatgttt tgaacttaga tcatttcang 480
tgttgttttg tggataaagg aaccttttat ttataaagaa tctgtagaaa gcatgtgaac 540
aagctctctg cttgattaag angccataat agtgcgtgat ttgcagtngg ggctaagaca 600
aagtatatta ataaagcttt cccccccca ctcccgttcc ctantgnana acccccaggt 660
gnanaactca gtcttaaaact tcagt 685

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&lt;210&gt; 2120

&lt;211&gt; 763

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (763)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2120

```

agtcnaacgc gagttnncta gcannttntc nagcaatngg catgncatgt agagctccna 60
ngattttgta ccatcctgca acaggagcca gaggagaata tgcctcaatc aaaatcaggc 120
taaaaatttg tttcaattct gcgtgtgagc tgggacctta agtctttctg gtcgctatct 180
ggtaggggac caaatgtggc cagtcacact ggaaaagttt attttagatt gtcccacttt 240
gtgacatgca ctaggatctt ttcatgtgga gagttcattt tttccctatg aagaaagaga 300
ttcaattagt ttattcattt tgtaggtaat tttgagggca ttggggaaaa cagaagtagg 360
tggtcctctg aacaacttgt acaataaaat attttggcct caatttgaca caaatgatg 420
ttgacattgc tgcacataag tcccatggaa acttattatg ttataaaca caagagacac 480
tcttagaagg gaataccttg gtcctttnc agtagaagtt ccgaattctg gagaaacatt 540
cgactgcatg ttttctagca atgagatatt cgattcaagt ccttggagtg tatggggggg 600
tttcaagttt ttgnttgag ttgnggctt ttttttgaa aatnccatta gngggtagna 660
aattttcaaa gaatgggncc ccagtaaac cacttgggcc cagtctttt tggacttcaa 720
gtggaaaaaa aaattggggt ttcccngggg ggaattttcc ctt 763

```

&lt;210&gt; 2121

&lt;211&gt; 816

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (816)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2121

```

agannnagta gaagggtcc tttcctaaat ccttgacgat tgacaacacc ctttttctc 60
tttgcggacc ccaagagttt tgggagttgt agttaatcat caagagaatt tggggcttcc 120
aagttgttca ggtcctctga caccttttgg tategttaat tttactgatt tgtgtagaat 180
gtcagttgta ttttaccagc taatatctag aaatgctggc aagaggggtt tactccagct 240
ttagattgta ggtatgttag cttttttcat acagtgtatt aaatttactg agtcagcttg 300
ctgaataaga cagaagccca agaattttaa cagtgtgtag ctttagttgt ctaaaagtta 360
ggccttcggg cttcaaaagt tagtggtcac cgaaaagcat taatctttgc agtttcagg 420

```

```

acaacacatt ggntttgatt aaggatgggg atggggccct ctttttgcag aatggggaaa 480
agtattgaca ggaatttgag agctattggt angcccagtg gtataaagggt attgtgaaaa 540
acaagaaatt aaagttantt ggtcttgnaa gtggactgga aanccatttt aaggetctta 600
tcaaaggnc taaaaaaatt tgggtaaaat aatggangtt ttgggtaaat gcccaaaatt 660
ggtgggcaaa gtnggggaacc aattattttt aaatttttaa aaattttattg ttaaaaattgg 720
gcattaaagt taccttaagc cccaagtta ttttttttta aatnaaaaaa ggtttatttt 780
nntttaaacc naaaatgttc aangtttgcc antttt 816

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```

<210> 2122
<211> 712
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(712)
<223> n = A,T,C or G

```

```

<400> 2122
aatgcantg tttgaacctg angaaaagtt aaagtgtana aaatattgnc ttgccgaagg 60
atthttgcagn cctctgtcag taacttccat tgattaggca gacatattca ggtaaaccct 120
aatcattaaa aaaaaattat caatgtagaa agtaattccc ttttttctct ctgagatata 180
cctcaatcac acacttcccc accccactt gaaacagacc tcttcacttg tgtttttttt 240
tcttgagggtg gagtcttccc ctgttgccca ggctggagtg cagtgggatg atcttggtctc 300
actgcaactt ctgccacctg ggttcaagggt attctcgtgc ctcaacctcc tgagtagctg 360
ggactgcagg cagcgccac ctgtattttt gtatttttag taaagacggg ggtttgccat 420
gttgcccagg ctggttttga actcctggcc tcangtgatc tgcccacctt ggcctcccaa 480
agtgtctggga ttacaggtgt gagccaccgc acctggccaa accgnttcac tttgtaaaan 540
aaattaaggc taataaaaaa ggngtaagtt ttttganaaa atgaaaattt taactttaac 600
ccnttttcac taagtaaaat agccacaatc ntcaatttct tccctttggn aaaaaggggg 660
gttacctact ggggcccctac cctcatattn tattgaaaaa agnaattttg nt 712

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```

<210> 2123
<211> 802
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(802)
<223> n = A,T,C or G

```

```

<400> 2123
actttacaat ccnacgaaat naactcacta ttatanacan ngagcacngc nacnatnagc 60
agcatctagn tgcagnctac gtn cattgag aaggaggtct tccccattat ggccaaggag 120
gggcagctat atgccatgga gttacagggc ttctggatgg acattgggca gcccaaggac 180
ttcctcactg gcatgtgcct ctccctgcag tcaactgaggc agaagcagcc tgagcggctg 240
tgctcaggcc ctggcattgt gggcaacgtg ctggtggacc caagtgcccg catcggccag 300
aactgcagca ttggcccaaa tgtgagcctg ggacctggcg tgggtgtcga agatgggtgtg 360
tgtatccggc ggtgcacggt gctgcgggat gcccgatcc gttccattc ctggcttgag 420
tctgcattg tgggctggcg ctgcccgctg ggtcagtggtg tacgcatgga gaacgtgaca 480
gtgcttgggt gaggacgtca tagttaatga tgagctctac cttcaacgga acccagcgtg 540
cttgcccaca agtctattng gcgaagtcaa tggccaaaaa cctcgtattc atcaattgtt 600
gaaaggggna tgccaatggg gggcttgggc ccgaaacccc ccgggttttt ccattttcaa 660
accaaanggg ggaatggct tgggcccttg acaccaattc agaaaagaac cccttgggac 720
cttgggcaat ttaatttttg gcctnggggg gggggccact tgggggttga aaaacctttn 780

```

aaaanctttt ttttgggnac nn

802

<210> 2124  
<211> 1508  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(1508)  
<223> n = A,T,C or G

<400> 2124  
cnaancannn aanncnnnct nntcctnnnn cncatnnnnn tcncnatann ctnnncannn 60  
canncnannn nnnnnnannn nngtgnntcn channcanan agggncancg acncnaccnn 120  
ancnncantn atntnnnant ncccccccn tanncanccc cccctcntn nnnnnnnnna 180  
natgncgctt atcnantccn ngggnnnttat atnnnaccng anaanccgaa gtcgatagaa 240  
atgaaaggcc tgaaatttgc acgaangcat tccatgttnt ttatagnagg cnaaggggcg 300  
naaatntttg nggatggngag taaaaatgtg ccttngtaaa atatgttgna aanggatcat 360  
ttcagaaccc ctngcnacnn cgtgncanac tntcannccn nnnattaatg gaatttncca 420  
nctgggtctcc ncnnngcncaa ncaactggcct nngnatgntg gnnncaccng ncggngggccn 480  
tattttggcac nnngaaggen annaaaactn tntnncacac ncgcnnnact cntncntagt 540  
nggacccctt tnngcencnn annagnggca cnncgtaact antngnnntc nnggactcac 600  
ccacactnna ccatnacnnc cacaatatnt angtgttnat tagatgngat aagtnctctc 660  
actcgatcta atctnncant cncatannt tcgaaaagan antgctngan anctcnanat 720  
gcanactaaa tnnncanacy gtcatanaaa nctcactgtt tanctgcct cgtctanana 780  
ccgnanccat tcnnatcant tacacatngg aannaacccn cccananngt naannncata 840  
cggggngacg gggtaacacc cctctcttc acntatnaat nggggnnaaac cnaaatntta 900  
tccaaaanan tttttcttaa tngtctntcn nncgntnnac atngaaatgn tnagcctcng 960  
ataagtttna tatncaactga naanaanacy ngactatnct nttcnacacn tctcntanna 1020  
tcgcgaaang gncgaaaaaa tactcgtann anacgaatan canncgctat gataccgnac 1080  
gncacnannn anncnnntgt aanntttntc tcactctnct gnccacataa annagatnta 1140  
actancatnt ncacttnagg gaaatgttaa gnnacngnng tcaancgnaa acnttgacgg 1200  
gnggcagcgc tatattaaag aatnnanann gtannnctnn tagntacanc nccactctcn 1260  
ggcganacga agaantnatt anaaaancna cagatngnna ctataatgta aattanacgc 1320  
aacncngcac gcggcctcna cgtagtntc ctcctcntnn tcnatggnta cncacgtnat 1380  
cttactgaca cnntantaat tccnnntntc tccagccnaa ataaccaacc tatntttatc 1440  
ntccatange tcancagcna tgettatcgt ctnncatctc aaaccganca tanctgnagc 1500  
cntnccg 1508

<210> 2125  
<211> 805  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(805)  
<223> n = A,T,C or G

<400> 2125  
tanccttnaa ctcttgtctt tttgcagatc nnnnnntca attcggnacg aggtcagctc 60  
gggcaagccc tccganaaga acctctacgc cgacatcgac gccgtttnnn nggcncgtgcg 120  
cncccggtat ggcgtgagtc ccgagaacat tatcctctat ggtagagca tngggactgt 180  
ccccacggta gactnggect cgaggtatga atgcgcagcg gtaattctcc attccctctc 240  
gatgtctggt ttgcgtgtgg cttttccgga taccaggaaa acatactgct ttgatgcttt 300

```

ccccagcatt gacaagatat ctaaagtcac ctctcctgtg ttggcattca tggtagacagag 360
gatgagggtca tcgatttctc ccatggccta ncgatgtacg agcgctgtcc ccgagccgtg 420
gagccccctt tgggttgaaa ggggcttggg cataatgaca tagagcttta tgcacaatac 480
ctagaaagac taaaacaagt tcatactca cgaacttcct aattcctgaa gacaacaact 540
tggatcttac ctcatctact gngaacaaga anantcctct gttttgcaca tgctttaact 600
gggtagctgn aaaaggcttt gataccatga aaaaatgccc aaccctttag ggggntctaa 660
atcaaaagac cttgatgaaa tctcaagtct ttttgatttc taaganggng ggtcntgntt 720
aattcncaca aacacgttaa aactggaaca gtcngngaatt tcccnncctt tcattaccct 780
tgccaggaat ngggaatgaa aaccn 805

```

```

<210> 2126
<211> 882
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(882)
<223> n = A,T,C or G

```

```

<400> 2126
tancctttca actcttgntc tttgcangat nnnatnnncc nnttnnnntt nnngtcggat 60
ggtaaatttc agatttttgc ctatagaggg aaagtctctg tggttntnag ttacagacct 120
gccaggggag tcctgcagcc agacaccctg tccattgcta gccatgcac attaccacaa 180
atatggaccg catggcaagc cataaccccc ttgggtggagg aactgaatgt. cctacttcag 240
gaatggcctg gactgcacta caccgtgcac attctctgtt ctaagtgcct taagagagga 300
tcgcccatac cacatgcttt tccagggaat tctgctgtga tagagaactg cgtaacagggc 360
cttttctgtg agcgctcact catacattat gcacgacgtg gctaagatct ttgaagcgca 420
tggagacagg cacatctctg agaggggagt tgctgagtca gcccacaccg gaaggagtgg 480
cagagatcat ttgccccaaag aacggcagcg agcgagttaa tgttgccctng gtttaccac 540
ccacgcccga ctgtgaatca agcccccttg ttccaaagaa ngaaattgtt ggggtgcaaaa 600
agccacanga aaacccagtg gaccgttttc gnnggcctgn tgggaaattn tcccattggg 660
annaaaaaag anaaagcnat tnttgaaaca cccctngaac caatntnttt ttgccanccc 720
ttgggcaaaa accccttttt ggnaacttca acccccaaac ggggggttct gggggaaacc 780
ttngagttgg nacnaaacgc nttgccttgg caaggggngg gccntttctn ngnacaaaac 840
ttgggggggaa aaaaaggctn gggggaaagn ggggtttttn tn 882

```

```

<210> 2127
<211> 1222
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1222)
<223> n = A,T,C or G

```

```

<400> 2127
caagnggggg ngaggggggg ggnaaaaatt nnnnnattnt ttccaaaaac cnaattnnct 60
ncccgaaagg gaaattntn ntncncccca acanaanaaa anggtttttt tntttntcnn 120
nnnnnnnnca ccaaccnnn ncnnnncaca nncctnngnn ngncgnnccn ngncnnggng 180
gggggggttt tnttcncaa nntcnccnac accgggggcc cancgtaat attgtcgna 240
aaantctttt nananncaan gngggggcnn atntnannca gnnngngagg agaaanaanc 300
nnttaactnn cacanaaang aggtctctcc ancgctgcc natcncccc acngctgtna 360
nntgggnccc cccccaaaa ngaccccccc gccataatcc tggcccnaga aaatacttcc 420
cnnngnagc cattccccat cnccttcncc tccngantcc cnangcccn angngant 480

```

ttanantccc	ccaggttaagg	tctnanatng	annccncnag	aatggngngna	ccccctncc	540
cnggttgga	gnnacttntn	nngnaanggg	nangnaccgc	gggaaanccc	nncncncnc	600
agccntggcc	ataaaaaccg	gccnaatcc	angnntntcn	acccttccnn	cncannaaga	660
aaaacttcta	aanccccna	aanaancanc	aantcctnat	ggccccaaaa	nannnangcc	720
attaaccccc	ccnaaattt	ntccgctcac	cccnggngcn	gnanatttaa	nccccaccaat	780
aanacnnccc	cacgnccctt	cnggggggnc	ncaaanannng	nggggnga	cntgnaaaaa	840
aaaacntccc	cccnccgcg	ccnaancggg	ggnaaccnaa	caatantcct	ccgcccanta	900
canncccctc	cnnatantcc	cccccgcnt	nnaaacnccn	canncgcgac	canaccncca	960
ctcctctctc	gannacacen	gntnnggtgc	accgcgcaaa	accncncna	cataaannca	1020
cacccccccc	cnactctacc	ccccaccact	catnatnccc	ntccancnn	cnctcccccc	1080
ccntttctcat	ngcacnccg	cnatacgna	catcncgaa	ctatgncgng	ncccccccg	1140
tncacggacc	cngcccatg	gancccccct	agatcnagga	cnccccccn	ccggaatctc	1200
ccccnggtnc	naacaccccc	cn				1222

&lt;210&gt; 2128

&lt;211&gt; 789

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(789)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2128

ntaatccttt	caactnctng	nnctttttgc	angatnnnnn	tnnnnacgaa	ttnnnnnnccg	60
agagtagaaa	tagtctttta	tgaaatnnta	tacttatgga	aaatatatga	ctggtatatg	120
attccttttag	aggaagaaaa	tttcaatttt	cagattcaaa	ggaagcacc	ttcctagtct	180
atatatatag	taagcggaga	actagtttta	cagtgtcat	ttcaggtcct	cagtaagtgt	240
gtatgatgat	gtcagaagta	ttcattggct	cactttcaaa	tcactgaaaa	ttcagccatg	300
ctaaggttg	ctattacgtg	tattagcgtt	tccaagcgag	tggtcctggc	tggggtgaga	360
ttgtcagctg	tctgttagga	ttagtcacaa	caaacatggt	gcaaatggtt	tccaacaaca	420
gcgcacttca	agggtacctt	cataattctt	tctgccagaa	ccccaaaaac	aatactcttg	480
agctactcag	tgttccaatt	gttaaaaatt	tcctgaaatt	ttccttcatg	tattcaaagg	540
ngaaacataa	agatctagaa	ggatggttgt	gaaaaagtat	ggactttata	gtatctagt	600
ggcattttca	ttgagcccaa	atgataaatt	ctgtttccaa	gtcttttaag	tgaaaaaaaa	660
aaacctctag	aactatagtg	agtcgtatta	cgtagatcca	gaaatgataa	gatccattgt	720
gagtttgac	aaacccact	agaatgccan	naaaaaatgc	ttattgggaa	tttgngatgc	780
tatgcttan						789

&lt;210&gt; 2129

&lt;211&gt; 1481

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1481)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2129

aancnccnna	cnganaanga	nannacnna	ccgacgcgan	nccggngcga	ngnnnnnacna	60
ngnganacnn	acacacacnn	acgcgcngang	aggnaacncc	ncnggnnaga	aanangnaga	120
gngngcanga	nncacgagng	gnnangacag	ggnaancaca	ngcgagcang	nncgngcaca	180
cacgagaacn	cacnnnccnc	ccngcngcac	ccctaagngg	aaaanccct	ttnccaaaaa	240
annnccnggn	nnnagnnnna	nacacngang	aacacgaagc	acgnccccc	acancgacac	300

angagcagcn	nnancagnca	aaacnannaa	ncngnncagn	cganncacgc	naaggcncna	360
gnanncnaaa	ccgacaacaa	cacnanacaa	actaanaaaa	aaaacaacaa	ccnncgnan	420
gnacagaann	anagnaaana	naacaanaaa	naagannann	gaacacngaa	cnannngcan	480
caagcnaaan	aanaganmn	ccagnanccn	cagcncgnaa	caaganngga	nngnagnaaa	540
gccanngggn	nnnannanaa	ngcgaaacgg	gnannanaag	aaacnngnng	nncnaangaa	600
aaancacagc	anaacccnaa	aanaanaaga	aacgggnang	gaangcncan	nncaaaaccg	660
ggangncann	gcggaacaaa	ncnaccaacc	actacgggga	cangncancg	natacangcc	720
nganacanac	gcngnanana	ggcgaaaggcn	cgcacgagga	ancnaaaaca	cnagnaana	780
ngnaaaagaa	annnggnaca	cacngaancn	nagnanaaaa	aaangcggga	natccaacaa	840
nagccacgna	nntgnnggaa	ngnannann	nnagcgaccg	aaaacnann	gcacgggnca	900
gtnatggaan	gcnagcann	cacntgnnc	ccannncnt	cnaccnngn	aagntgaanc	960
ngntcnaacg	aancacgtgn	aggnnctggn	cnangacnca	nggcacatca	cacacagctc	1020
tccacgaata	ntctgagaga	cagaagcggg	aaaanaccnc	gcnaaacnca	cganaaanac	1080
ncncganang	acgaccnnc	aaacaanacc	gcggaagncn	agangacgan	nangggngac	1140
gcantgncn	ccnagcagc	acgnanncg	naggngacga	nggaccgaag	cacgacaanc	1200
ncgacaanga	catgggcg	agccacacna	cnngngcg	gggaaaaaaa	aaaaaagac	1260
cangcacacg	ggngggcg	gaaacagcna	ggnggggana	naannncnaa	gaacagnac	1320
gcaagaaaaa	nncngngngg	aaaantacaa	ctcacgat	tgaaccggg	ggagggcaaa	1380
acacacaacg	cacccnaaag	gaaacgnaca	cgangggggg	gaggaaccac	aaaacatcac	1440
acaaaancgn	ngggnagcnc	gacaacaaaa	aaaangggng	n		1481

&lt;210&gt; 2130

&lt;211&gt; 1153

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1153)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2130

gncangngag	gcacgcgcac	gnnggcncan	naagnngcgn	ngggannnca	cggannga	60
nnnggggann	ccnnncnnnc	nncnngcnaa	ccttgcactc	cggtcngga	ggaggnccca	120
cgcccnagc	ggcacgagga	gaagcncaaa	agcncanggg	ccttnnnaag	gccccnnang	180
gaacccaggn	aggggngngg	agganncnna	nagaaannna	aaaccgggag	gcgncncnca	240
aacggcancc	cggngnagcc	cgccccgncg	aaaacngaac	caaanngnag	gcgggggaaa	300
ccccganaag	nggaaacggg	ggaannanaa	acnnncggna	ncngganagg	cgcnngggca	360
caanaaantc	naaacccntg	agggaaaggg	gcnncnngn	tnnaaancaa	acanaggggg	420
ggnnnaaaan	ggggggaanc	cggaaccccc	cncacgcngn	anggcagnng	gnngangnac	480
nggggaaaaan	cccaccccc	anaacncnag	gacncnctn	ggggcccaacn	anaacncanc	540
ccgngggcgn	angggaaaaa	naananaann	nnnagagggg	gggggcgcga	cgcgaaannn	600
ncannnngcn	cgcgggccan	ccnngggggg	aantccccga	cacnccnngg	ggaaagaanc	660
ancctcctgn	anngnngga	cccattgngc	aaacccccacn	tgggtaannc	gngcnaaccn	720
ctgatngggg	ngggcccaaa	taaaaaacca	ancnaggggn	ggggcccgag	aacccagang	780
gtaaaacagc	nncttaaaaa	aaaattggaa	nncaggggan	ttnggnntaa	naacaaaaan	840
agncnctagg	aancncgggc	gnacgggctn	anccacncg	nagaaaagga	anctcacng	900
ggaacnanaa	gcgaatcccc	agaanaaaaa	aacccnccn	ngggcaccca	aaacnnggcc	960
ngnctataa	aaaanggggg	ccnngggcta	anaggaacaa	anncanntcg	gggnnanggg	1020
ggnnnanaac	cgaaagggaag	aaagggcngg	ccccaacccg	ggangggggg	nnaanancag	1080
gtagatcaac	cnactngggg	gnaaaagggg	gncagggacc	tctangnnag	ggncnccnann	1140
cggggggaag	ann					1153

&lt;210&gt; 2131

&lt;211&gt; 779

&lt;212&gt; DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(779)

<223> n = A,T,C or G

<400> 2131

gnantcnnnn	caggatgcac	gggcactttg	gaggaccnag	cggccactct	gagtaagatc	60
atccagggtgg	cgggtggaact	gaaggattcc	atggggggacc	tctattcctt	ctcagctctc	120
atgaaagccc	tggaaatgcc	acagatcaca	aggttagaaa	agacgtggac	tgctctgcgg	180
caccantaca	cccaaactgc	cattctctat	gagaaacagc	tgaagccctt	cagcaaactc	240
ctgcatgaag	gcagagagtc	cacatgtgtt	cccccaaaca	atgtatcagt	cccctgctga	300
tgccgcttgt	gacgttaatg	gagcgccagg	ctgtgacttt	tgaaggaacc	gacatgtggg	360
aaaaaaacga	ccagagcttg	tgaaatcatg	ctgaaccatt	tggcaacagc	gccgattcat	420
ggccgaggct	gcaagacagc	tcccggatga	atgctgagag	gancctggca	aggttttcaa	480
cccagatgaa	ganntgaatt	gaaatctgca	agactgaatt	ttnaaatgcy	attgctatgg	540
ggcaagcaaa	aggtgcacaa	gtcatcagac	nggagagatn	ttgagnanat	tcaacccagg	600
attttaactg	ccnctcgcy	taaattngga	accttcttct	tgtaaancag	gcagaacttt	660
tgantaactt	ctcccagaaa	ccctttaaaa	tattntnttc	aaagtttccc	ccaaccttca	720
atntttgngg	aaagcntact	ngnnntcgnt	naaaatnnca	ntnggccaaa	anttcennn	779

<210> 2132

<211> 826

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(826)

<223> n = A,T,C or G

<400> 2132

nctaaacctt	tnaactccng	ncntttgcgg	annnnnnngnn	angaantnnn	nncagattnc	60
actggaatat	nnaaaaantt	tnctttttaa	ctccctatag	gtcaangntt	ttngtttcca	120
tntatacggc	cataatcntc	catagctnag	ntnatatgcc	attgttgnat	tanaagggan	180
caaaanctta	nggaacaaag	tagncttggc	aagttggcag	tttgtgccct	ctcagctgtt	240
taacttatgt	aatggatgtc	cgcacctgaa	aacactataa	aatccagcgy	gttgntnaaa	300
aagnccatnc	gtcactaatt	ccatncaggt	tctccaaccn	cttcttgaat	atcattgccca	360
ccattttttac	tgttagaata	aagagggcgac	accataaagc	cctgctgaca	atgagagtng	420
gntcaggaca	nctgtgattg	aaatatggcc	gctatttaca	gtntttcagg	ggaaangtaa	480
nacnctcca	tgnaaantaa	agagctnaag	tgggtctaca	gttaaattng	acatngcagg	540
gacgannata	nttttttaaa	cnacaatttc	gntgctaaaa	aagcctncta	ggcccnngcc	600
aaattaatgc	agtnanaacc	nnggggttgc	caaaaangggga	antatcaccc	cntncttttaa	660
aaaaangctt	aaccccccca	tattccantc	ttcatcanac	ccttgnntnc	cntctggttt	720
aaaacgnaaa	nccaaacctt	gggntggtnt	tgncnaaccc	aaacccccac	ccaaaaagac	780
cgaccttggy	tcctatngnc	aaanaaancc	ccctttttca	tttggn		826

<210> 2133

<211> 868

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(868)

<223> n = A,T,C or G

<400> 2133

antcngactc	ttnggaaaac	ttcncnnntt	ttaggaaaaa	ancccccna	annnnnggan	60
gnngggnnncn	aagaataang	angtnggccg	gttttnnaac	antancccn	tnngnanggg	120
cttnnnntttt	ntnggggnat	attggnnacc	naangggcng	gnngggaccn	aaaantggg	180
gnaananaaa	cnnaancnc	ggttttggcc	ttncctgggt	cccttaanna	ttncnggaat	240
gggntancaa	aatnggnngg	aggcttntng	nngttaacaa	atggtaactt	tcaagagact	300
tttagaggga	aaaaaataat	ttaaaaatac	tggcaaaactg	gttcaannnn	ncccccna	360
ttttcacgng	cataaacccc	ttttaaaaag	gnaaatTTTT	acactatTTT	ggtngttaaa	420
aagggaggca	tttctacttt	ccttngagggt	tttnggtggg	ggccaaaccc	ttaaaaaca	480
ttttcccttt	ttngggaacc	atggagggttn	ataaggTTTA	ttactTTTT	tccttttacc	540
atnggtttac	cacctTTTT	aataaaaaaa	tccaggattt	ttttcaagng	gggccttctt	600
ccccnggaat	anttaacaa	ggaaattggg	ttggnggttaa	acctcaaaag	gaaattnggc	660
ttttttaata	ngaacttggg	atTTTcaaaa	tttctttaa	ggnttcagcc	cttttncct	720
tatcaaaatc	cacaaaattc	atggtattng	ggaaaattaa	ttaaaatggg	gcaaccccaa	780
aaaaactggg	ggtttttnaa	aaaaaaaaat	ttttttgggg	ataatcaatt	gganggggct	840
ggggccacan	ttatattatt	nggggggg				868

<210> 2134

<211> 808

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(808)

<223> n = A,T,C or G

<400> 2134

ngtctttttg	cagggatnnn	ntnnnnnnnn	ngnnnnnnnag	gnattngaac	aaccacctgt	60
ggnnntttata	netnaccnc	gatgangnca	tggtnnttga	ttccttttag	aggaagaana	120
tttnaatTTT	cagattcaaa	ggaagcacc	ttcctagtct	atatatatag	taagcggaga	180
actagtTTTA	cagtgtcat	ttcaggtctt	cagtaagtgt	gtatgatgat	gtcagaagta	240
ttcattggct	cactttcaaa	tcactgaaaa	ttcagccatg	ctaaggtnng	ctattacgtg	300
tattagcgtt	tccaagcgag	tggctcttggc	tgggggtgaga	ttgtcagcct	gnctgttagg	360
attagtcaca	acaacatgg	tgcaaatggt	ttcaacaaca	gcgcacttca	nggttacctt	420
cataattctt	ttctgccaga	acccaaaaaa	caatactctt	gagctactca	gtgttccaat	480
tgttaaaaat	ttcctgaaat	tttcttcatg	tattcaaaat	gaaacataaa	gatctagnan	540
gatggngng	aaaagtatgg	acnttatant	atcttagtgg	gcnttctcat	tgagcccaan	600
tgataaatTT	ctgttttccc	aagtnTTTT	angttgaaaa	aaaaaaaaacc	nctcncaacn	660
ttagnngngg	tntacttncg	cnagnncccn	gncattgata	aagacacntt	ggntnagttt	720
ngggcaaaac	ccccacctgg	naatngccnc	tgananaaaa	ngctTTTTT	tgggaaaatc	780
ngnggatggc	tctgtcttta	atnttncn				808

<210> 2135

<211> 1013

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1013)

<223> n = A,T,C or G

<400> 2135



```

ngnntcnnat cctttgcaag ccctgtgct ctttntggcg agggatecca tcgattcgaa      60
ttcggggcacg agggaaacatn ttncnaattn ggctcctttt ttnnatTTTT ccnngaantnt    120
gggggggnaat tttcctgggg gcaaaatngg gnntTTTTTT ttggancccc aacccttttg      180
gcttatggag attggaatcc tntcangggg ggaaccaggg gangccattt ggnggataac      240
ggttcaattt ggaccgcccc caagggantg gaacttacca ttgggagggg cttttaaaca      300
aaggaacttt caacaattta cttgggtttt ttaanaggcc cttacaaaaa nggttaaacc      360
cccagcaaca ttggaatttt ttggagggg ttttttantt ccacaaaaag gatggatngg      420
gncttggtcc tggaatggaa tcacaaaaaa ataagaaaac accnnnnacc gccaatttcc      480
attcaaaaag gggccaantn ggatgaacct ttgcaagatg ccttggggcc ttaggaaaaa      540
accttcattt ccttaagcct ttttaatctg ggaccttagg taatcntatt ggaccatttt      600
caaatatTTTt ggnaaggccc tttnaagtaa aggggggggtt ggcaagaaaa ccttcaattt      660
ccacaaactt ggnccgnacc cctttgggga aanaacctat ttaaaaaata tctttnanta      720
ntcaaaaatn tcaagggtan ttggaaaaaa agctatttcc ttcntntngg atggttnggt      780
caagcaaaaa attcttacia ttggcgaaac agaacagggt tcccncctggg ggggatatgg      840
ccaatccttt atggaacttt tgcttgnnga acaatgaatc ggatgttggg aaattggaat      900
gtggccttgg nnttataatn ggggttaaaa ngggaaagaa tgggaagtng gnaantggct      960
ttantgnaca aaaaaatcta atngggcgnt tnatgnangc tggaataaat ncn              1013

```

&lt;210&gt; 2136

&lt;211&gt; 777

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (777)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2136

```

ngagtcnnnn cgagacttgg caaatgttgc taacaacntc aagcagaatt tgatgacgg      60
ggcaaacctt ggtgtggtgt ttggaccac tctgctgagg cctcaggaag aaacagtagc      120
agccatcatg gacatcaaat ttcagaacat tgctattgag atcctaatag aaaaccacga      180
aaagatatTTt aacaccgtgc ccgatatgcc tctcaccaat gccagctgc acctgtctcg      240
gaagaagagc agtgactcca agccccgtt ctgcagccga gagggccctg acgctcttcc      300
acaccgttca gtcaacagag aaacaggaac aaaggaacag catcatcaac tncagtttgg      360
aatctgtctc atcaaatcca aacagcatcc ttaattccag cagcagctta cagcccaaca      420
tgaactncag tgaccagac ctggctgtgg tcaaacccac ccggnccaac tcaactcccc      480
ccgaatccaa gcccaacttt caccctntc gccatcttgg ccatgttct nggcgccatc      540
cagccctatg cccacctcat tcacgttcag cggactcatc ccccgtcagg aacaccgtt      600
tcgggaangg caaaaagcct tgnntgcctg caaagctngn acattgactc canaaacttt      660
ccnttcacag gcangncncn gnccttcgat aatggttcac ccaatcttaa ggaaccttgg      720
ctgggttggg ngggggactc ttgaacngga aagactggcc tnaattcctt gaaaatn        777

```

&lt;210&gt; 2137

&lt;211&gt; 928

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (928)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2137

```

gnagtcnnnn angcctanga tnagtnacc aataattctt ntacngnana aactcctaca      60
tccagcTTTTt tttttttaag naccacacat ccgaatanca aataaanggc gttccgnnnn      120

```

```

ttgcacaaag caggctggga tttacaggcg tgaaccacct gcacccggnc canaactgca 180
tctnaacagc naagncanct ttattcnnc ccataactga cagactnngn nnccatccat 240
ctcctcaggt tacagaggat aancegaana gaancgttac ccgtagaaca tatagcccac 300
gtacttcntt nncccaanag atagggtcca cnategcnaa agctgntctc aaactgctgg 360
gctcacgaga tccncctgcc cngcacttcc caaaatgctg gganctacan gngngagccc 420
gcagtaccca gccagtnntnt gnacnnccga anategggag tnnctnancn gcnanncttt 480
nctttccnan cnggncaaan cttnaactaa naatnaatcc cccttggnct anganaagcc 540
ntntttactc cccccactc ctntaaaaaa tgnccccncc nntttcacgn aacanggnca 600
acccaaacnt gnttacncgg nacaaaattg ggctcccacc nttaaaantt tcgnaggcat 660
nancntgenc cantgnggaa cctctcctta ncnaatnggg aaaaacancn aggccctctng 720
aaggnggcct cncttccann ggggnannaa gnttctggat cntggaaaaa anaaactccc 780
aacaatatga gattntaacn gcnacnnaac ccaaaaccaa nnggggncta tcannaaang 840
aaggaantgc ccccgcgatc nccccantn aaaanaanat ggaacacccc tgnttctctc 900
caaacactnt acaangaana gtccancg 928

```

&lt;210&gt; 2138

&lt;211&gt; 778

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(778)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2138

```

aantcnnnnc agcccacacc tgctggcca acccctggca ctgatgatgc ctgggtgctg 60
gttantttng naggagctcc tgctgcctg gatgaagagg aggtcaagac tttgtcccc 120
actcgcgaag ataccctctc tgnccggag cgggtgggtcc ctcccctgtt aggacctgt 180
ctcccctcang actggacctg gatcctgggc ctgcagtcag atngccagtt tcacttagag 240
gtggaaatgt caaccactg gttggaatgg gaantgctg tgttgngagc caccttatgg 300
aaaacccatg tggcncagaa ccgannggtg gtggctggcc aacagcaagc caggagctga 360
ggcccacaag tccaacaact ggtgaggaac cacatgctgc cancangcca tgttagggaa 420
cttagaagca aatccttncc ccagttgagc cntcagatga caccnnaacc cctcggtga 480
cccctttact tttaccctt tgtancnaga ncttntgagc caacaanacc tcggcttaaa 540
acccccctg ggnttcctnn acccncagaa accttgaan nantaaacgg ngttgcctc 600
aagtcaaaac aaaaaaaaaa nnnactcnac cctctanaac catagcggag tcnanttacc 660
cacacccga ctttgatnag aaccatntna tgaannttgg ccaaaccccc actttnatgg 720
cgtgcaaaaa aaangttctt ttnggnaanc tcggcaancc tttgntnnt nttecnnn 778

```

&lt;210&gt; 2139

&lt;211&gt; 850

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(850)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2139

```

ntttaanccc ttgcaactcc nngntctttt tgcaggatcc cnnnnnnnnt anttcggcnn 60
cnggaaagat tgtggccaga tgtgcttng cttgctgtct agttgtgtt ttcagtttn 120
tagtgtggcn tgcccaaagc ttcgttcagc agatttaata taactggat ttaaggatg 180
tttatctggt ggtgttacag aagagagagg aaggtaggaa gaccaattag gagagccat 240
tgccatggtc tacgctggag ggggaaggat gacctgtgag tctcaaagg cactcctggc 300

```

```

tggaanggaa tgaggaataa tgagagtaga ttgaccgggg cttgctttct tectactctt 360
tcagaatttc gagatgaatt gctgaaggac ttctcttact gaattctcct caggggagtc 420
ttaattccan gggtgagagt accngaagac aaaaagagaa aaccnnaaac cngaaatctt 480
gcccttagcn tggaagacga gggagaagaa agagaangaa aggtgtgtc angaagtcca 540
gagcacacct gaatgcanat cantntgcta tgagaccang cccaaaagtt cangeccaga 600
caaatcccac aagaacccca aggagattcc caccttgggg caccgggtgg cntgggcgcc 660
tgttaatccc aancnctttt ggggaaggcc nannaccggg tgggattcac ccctgaggtc 720
cggggaagttt cgggacccag cctngcccaa cattggccna gaccccttgt tcttcttcct 780
taaaaatncc caaaaatttc ccttgggcat tgntnccnag gtgcctttta ntccccactt 840
nttngggaag 850

```

```

<210> 2140
<211> 986
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(986)
<223> n = A,T,C or G

```

```

<400> 2140
gnatccccnn nnnnnnnncg naattcgggn nacnnngggg ggcctggctt aacaaaaaaa 60
aaaaataagg aaaaatttcc caagcctggg gngggccgnt nggggtccgc cggcctccaa 120
tggtgtgatga ngtaccaag tccnggcctg ggggaaggna aggaacctcg canccctggn 180
gtggnagggg gattggggcc tctggaggcc cccanccgaa gggggccna tnggtcttnc 240
ccnenngtna ccnntctntg gnnctgaccc acaanggcaa atccctagan ccctntnccc 300
ccttcccan atncacntt tnnntacccc ataacnntcc ccccttana ccccccacnc 360
cctnnntccc nnccaenggn nngcntnnt cneccctcc tntcttctnt tcnancatcc 420
cttnnecgnc ccncccttcn ngegaencna catecnttcc cccactccc cncctccct 480
tccactnccc ccncttcen cncctcgtat ccnactncc ccccccctt ctncnccct 540
ctgcccctgc cctntnntn tcncccccc cttecnccc cennctctcc tatncttcc 600
cncccccca ctctctcnen ccgctccct ctntccenca natctcccc atnctcgtt 660
tctcccccn tacntncaa tncccttcc tcttntgtca annancncac ncgctncctc 720
caacctctnn gcgcntnnn cccccacct agctctcate ntctataacc ctctgntttt 780
ntacaanttt ccgcgggccc cnccnccgn aaaaggngcc tctaaannca ctaantnaaa 840
cncctcccat tctcttnngc ggccacctc ctncactca tccctcttc tntntnct 900
atctactctc ttctcttctc ncnctatcn atcctcatct accgcnctn cactttcccn 960
tntntcacca ctctcnacct cgcacn 986

```

```

<210> 2141
<211> 828
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(828)
<223> n = A,T,C or G

```

```

<400> 2141
ncttngnccn agntcnnnnc gagcnccnat gaggacnang atgagtntga agcnaaggat 60
gatgaacagg aanaagatga aggcagaang gattcanatn ctgagtcntc agatttgttt 120
nctaatttga atttaggaag gacctatgct agtggtatg ctactatga ggaacaagag 180
aactagggga gctgctctgg tggccgtgtg tgaganganc aggagtgagt tgtgtgtgct 240
tgatgaattg tgtgtggttg ttcaaaagta ccttaccact tagccttgtg cagaagacta 300

```

```

gttacactta atggggccang caataggntg tagcgtnttt attagaactg ataatcangc 360
ttatngcata agaaaaatga gtttcaaatt taagatgttt attgatccga agcaatttga 420
agcctcatgg attnggattg ttncctgatt tcagtaaagt attgttttgc caatttncat 480
ncatatnttc caagatnaag gggaaatagg gatggnaaat annnttggtt tgaaaattna 540
aattccctgn ttttttatta aaaaaatac tggctttnat ttgggcctga atttntgtna 600
aaatgtaaat gnagctnaaa atgggnantca ccngnttct ttnecccttt ttncngtccc 660
ccccnaatgn ggaatcccta actcntgggt cntcccnct naaantttcc ctttcnnatt 720
ttccatgccc cacccttnna gtttgccat gcannagnc ccggtctnaa acnccccnnc 780
cnantccctc cccttnctn canaaatggn ccgttcnnc nncgntcn 828

```

```

<210> 2142
<211> 846
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(846)
<223> n = A,T,C or G

```

```

<400> 2142
tgatcntttc aactcttggt ctttttgcag gatccnnnnn nntcgacnnc nncnccagga 60
ggaactcccc aggcattctg tgagatggta gtgttcacag cgctgacaga tgtccctttg 120
acacagtcct ggggtcttct ctgcacaaca gaaaggagtt ttgtgacaaa gttgatggag 180
gaggttaggt atttaattag gactagccag ggagggcagg gactctgtta agcagtgaat 240
ttgtcaaaat tttacttgta ccagggtgga agataactag ctgtggaagc ctgttctgag 300
atgccctgcc atggccaatg actgggttaac cacaagggtc actaaaagag agggtttctc 360
atgatctgta gaaatgtaca actgacacta ttgtgtgctc ctcaataa ggccggttca 420
ggtacctagt ttgtttatct tattaatggg gtgggtgggt gtttatgaat cttttttttg 480
tttttggaaag cagttgctgc aagtcaagac tttttttttt cttgaagtta ttctaactat 540
ttgaccccaa acatgcatcc cccatttgg ggcatacctt ttagcttaca cccttgctta 600
ccaccctggg gtgtattttt aaaagaccaa naatttttat tgattntatt aaaaaaaaaa 660
attntgcccc accgaaaacc cttttgtagc ttgcttccct tgttttganc canccctggg 720
ttttctnaaa atnccatntt ttgggagggt gcntgggtcca ntangggcan acattttnt 780
tggttgcaaa aacccttga anccccctg gtnccctaang gggncanaa aatttcccc 840
aagntn 846

```

```

<210> 2143
<211> 853
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(853)
<223> n = A,T,C or G

```

```

<400> 2143
ttgaaccctt tgaaanccn nnnnttttgc nngannnnnn nnnnncgaat tcnnnnncag 60
gtcatgcctt atttactcca tttttaatcc tgcattccag atttatggca gcnttttnata 120
tctacaggat acttttatgt tgtccaaata ttgctgncag tcatatgtac ttataaaatg 180
tctccactca tgtatattta tagaaatgaa atgtcaaatt tctcagactg ttaaagtgca 240
gtataaagtt gcttaatgca cacttaaaaa tgatatataa tttctgaatc ctatgaaata 300
tggtttcttt ttttaattctt tgggagtttc cttaagtttt acatgttttt tggcttattg 360
ttaatgattt tgtttactct ntgccaat ttgtcatgta gggtatttta caatagcacc 420
tttaaaaaaa atgtatatgc taatttacta agcatattca tgtccatttt tattngatca 480

```

```

tctgatntgt gaaataactt gaaatntgta ctgttttggt tgtgaaaata atattaccaa 540
aatccctgnc attagaatgt gtactttatg ttcagaaagt gacctgnggg gtttatttca 600
gaagccaagc cattcctctc ccttggtatgc actttggtta cccagnctac cacatggcct 660
ttaaggngg gctnttccct ggatanggngg tccaaggtnt tattgacctt ntaaaaaaca 720
ttttttcnnt gggngaaagc ctattnaagg tnnattaag tctaccectt attttcccc 780
cttggttngg aaactnaaan ggggcgccag ggtattaagc cctaattccc ccagcatttc 840
ccnggggggg ngg 853

```

```

<210> 2144
<211> 1146
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (1146)
<223> n = A,T,C or G

```

```

<400> 2144
ttggttcncc caaaaggcca acccangncc aaggggccaa ggtncagggg ggggttgggg 60
nccccaaaan aaaccaaagn aaccgggtct cggatcance aattntttat attaagggtg 120
ggcgattttt ttntaccctt gnaatcccc ntaaaaacaa aaggcngggg ggggattttt 180
tttttttttt naaaaggaca tnaaaancnag ngncctncc cnctcnattt atnggaaagg 240
gngaanntca ccttancccc actggngcnt gggganaaac catatttttn ganaactctc 300
cnaangatnt ntccatnca natntnatat nccaangntt ccaannangt ccttnaaagn 360
aaaaaatggc ntcantntcg accagnaatt canagaagta gtctcanaaa tactanttan 420
ttctnagna taannncnct caacnactnn tacctacnnc nttctntacn atantnnntcc 480
ntancacttt aantnctata ccaaactctc nactctaaac angacctnac nataactnnt 540
annacnacca canctattt atattcnnc tnnnagntaa nacctanaat gnntnantnn 600
ntnctctnnn ttnntnaaac ncnanaagan aatctacnnc cennnccttt cactangtcn 660
actntatcnc cactntacna acnananata nncatnnnct nntccactca cncncannnc 720
atctcttgna antacaacat ntncatnatn attattaacn antactancn nnnnnaacan 780
caatataang aannnccann ctatnttcta tcaaccnctc ntntnctcn cnntncttgt 840
nnganactaa ntacgatnaa nncnactann tatnaactna ttentattan tnacnanact 900
ntccantcct nntnantnac ctttactnct ctntaanntc ttcgctncna nctcanancc 960
natatcatta tntacnacnc aaacnntact natctatcaa anaaccnact accctactta 1020
ctnncnctatn ctaaccact cttctcatcc attctacnnc aantcnnan acancttcaa 1080
nttattennt cacatnntnt cnnctctacn atntatnat nttatectat tttaatnnac 1140
ntnccg 1146

```

```

<210> 2145
<211> 1294
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (1294)
<223> n = A,T,C or G

```

```

<400> 2145
nctnngtnc atnaccnagt nngccgcnnc ncnnncccc nccccccaa cgggggcggg 60
gncnnnnnca cntttgtact tcaatacgnct tntgnnngaa cnnnancanc gggggtntnt 120
acaancatcc catcccncc ctcacntca cctaccnnc angcactacn acgtncncc 180
tnnatnnnan ctctcaetcc ttttnatnta cgtcannac tctacnncn attncngcac 240
accacannc gcgancacac tgacgttnnc aantnnatgc tnancganaa cgtatacttc 300

```

ttcnnacaan	catntncnnt	aacgtcacct	ntacgnctct	tencnatatn	cctntctctt	360
anntnttng	ntgcnnnccg	cnatncacan	canacgtenc	nggntntna	tatctnnnca	420
taacnnatgt	tacactnate	acancgcnn	acncgtctac	cctnanceta	cttatecttc	480
tatttnaccc	tetcaanctc	tacactcaca	cnntannctc	acnactgtct	ctcnetcatt	540
cnnncccatn	cncnctctc	ctntagccat	tntctcttt	ccncgtngn	aagnnacta	600
ctcgntcan	accacatccc	ntcattactc	acccnccatn	cnacccctcc	tncgctnact	660
ttacannann	cnatgtannn	agnactcacn	canctccgct	ancatcatcc	ntnnncncnc	720
atatcatcta	ccannatcat	cctnatatna	cnaccnaca	ttactctna	nnctnnctgt	780
tntacancnt	nancnnctc	tncgntctc	tactcncag	nneganacag	tctccganct	840
nanacctnca	nactgcccgt	cnncatnann	attctcncac	nngncncnat	ctcgaccnc	900
natngntccc	cnatntnaac	gtcacacacn	nccccnnac	tnnancattn	tcnnncntna	960
cnantntnc	ngctatctca	cctancnacn	acancacnta	ttctcnnatg	tcacanncnc	1020
ctcaactnan	ctacntcag	tctccacatn	ctcncncctn	tccantcata	ntcgcttcc	1080
ntctnttctt	cangtnagac	accctcncan	cgntccttn	cancacnnat	tntcncctc	1140
nacnattcnc	tcgncntttt	cccgncnta	cccantttnc	ttctctttc	atctnnnnaa	1200
ccnnnnncnc	nnntntctnt	ctacgncat	gntnnncntc	nncaatctat	ttaaaantcn	1260
nnctcncncn	gntntanttt	ntatntatnn	ngcg			1294

&lt;210&gt; 2146

&lt;211&gt; 1371

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1371)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2146

cncncannnn	ntentnnnca	nngtttannn	gtatannnnn	tntntgatcn	cntnnncnacc	60
tanctacacn	ngnctcncnn	ntncngnnct	anntatatna	tgctctctnt	nnactacttc	120
aatttncnc	cccnnectnt	ccccnctna	cttnnnnntt	tnaaggnttc	gantccgcac	180
ggaaggaaat	angcctcagn	ggaccccggn	gcntatttat	ctnccanatt	gantggcaga	240
atatttacaa	ttgacagnga	tgatggggaa	caggntgant	ncatgactga	tggaactntct	300
gagcccatgc	atggcagant	nccccanctc	aattntngtt	gnntccccac	gntctncatc	360
angnggtttg	gatccgtnnn	ggnggtctnt	gctngcnnnt	ggaaactntn	atcttcacaa	420
gtcgtntncn	nncccgctct	ntaaactnca	cncctctann	ggatnctcta	nnnnncnnntg	480
ntcgatgatn	nttannnnac	ctnnntannc	tacntntna	tnttnatnta	ncantacnat	540
nncantcgac	acnnncannca	tgacntnccc	ngcnntangt	nctntnnctt	nagantagcc	600
gcnnagntcg	tacacngacc	nncnntgntc	nnacgntacg	agtcacnnnn	acnnacantg	660
tncttttnca	ctcnantnnn	ngantctcnc	aatnnaaann	ncctcctta	nnntgactct	720
ntctatcgct	ntaanctntt	tgnnaccccc	nctanagnct	acnacncnt	gtatctgtct	780
gnncctntgt	cttttaggnnn	tctntcatct	ctgntctantc	naccgcnctc	ctcantngng	840
tgnnnnctcn	actgntnagt	gcgcateget	nncttcncgg	aacgccacnt	anccgctgtg	900
atatngtcta	aantnncttc	actacatnta	aatctcttca	cgcngcncct	atgtnttcat	960
ntnctnacac	tgcccactca	ctcncctntt	ncncacnnnn	cgtgntcgga	ncnccatntc	1020
tctnttnatt	tnnctcantc	ctacnctaaa	tgtctaacnt	angttctgcg	nnccacnnngn	1080
gaatcccgct	cnccgntann	tnaatntntc	tagagggnagn	atnactctat	cttngnttta	1140
tggnncngta	anctatggcn	aacgcgtcac	ttnaactcnc	ttacgttttt	cntatctnac	1200
aacnatctct	tcngcgtaaa	nctaaacnna	tactntcnac	nnatgntgce	tcctcttctt	1260
nnanattnaa	ttgtnactca	nctctttcat	catacgcttg	tcnctangtc	anatnnanac	1320
attnanntag	gtaannngta	cncnttatng	acatctccac	gccacaccnc	c	1371

&lt;210&gt; 2147

&lt;211&gt; 1346

&lt;212&gt; DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1346)

<223> n = A,T,C or G

<400> 2147

ngtnnnnnnn	nnntnnncnt	ngttangann	tnnnaatntn	nnnnntatnn	nttnnnntna	60
nnnntaannn	tnntnnngnn	annctnnntn	ntnanatgta	nnntatnttn	nnnttaggng	120
tctactntnc	nanncgtaan	ntnaannnnn	ntntnnntann	nnnnnatnta	nnntnncgcg	180
nnccccacc	cnnntantat	nnntcnnnc	accctctccn	nnccnntntn	cnnannnnnn	240
nnmntcatan	ntntntttcg	aaaatattcn	cggggggggg	gggggggttt	attantttcta	300
nncnnaanaa	taaanagncc	ccccccnccg	naaagtctaa	agnatactta	agntngggtn	360
gaccgngnac	ccaagccttc	ggcacngntc	tntctatgga	agnggtntcg	ctntttncnt	420
ancctcgcg	ggggggngca	tttttcgana	gtcgaaactc	catcatctnn	nttctctnat	480
gnntnnnnnn	aatntaacct	ttcnatntat	ntacntactt	ttntgctnng	nattntncnt	540
acactanaga	atntctcact	cctntgancn	nnntaagntg	tggnaaannt	gaanaacatt	600
ttantttcaa	ttntctnatn	gctcnnnatn	cnnnggtttt	cnnntnnntc	tatnnacett	660
ctatncttta	nctnnntttt	natantcttt	aantnttcta	ctcnnantna	gttgatgatc	720
tnacatnttn	cataatntat	aatctcnacn	cnnnatttnc	taatacnntn	ctctntntan	780
acttnnatca	tntctatatg	acgttncett	ctacngntca	ttactantat	ttctntnatct	840
tgtcaatnna	ntntacaatt	aattntntcn	cttatattga	catctcnctt	nctcactgta	900
tacnatctca	cacntgatta	aatcntatct	tntatcntnt	anttatnnnn	atatctngtc	960
ctaaanctct	antntatcna	antttccnat	ntatctaaact	agtnntnnna	tcanttnnatn	1020
tatnnnnann	tntcacnttn	tctcttcann	catactnagt	ntannatgta	canngtntcc	1080
tnttctcaac	tttatatnct	ttntntnnna	tgcncctnta	tannngtgat	nctttccttt	1140
naanaaatnt	ancctttctta	tattctgagt	ntcacatant	acatntatat	natgtntnnn	1200
tnentatcta	ttcttatnan	cctnctaana	ntcatctatc	atctttnttt	tnnttccatn	1260
atactctatn	tattcttctn	ttaatcttcn	tatntntata	tnnttcatct	annntangnt	1320
ctctatattn	anntnttttn	atnncc				1346

<210> 2148

<211> 751

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(751)

<223> n = A,T,C or G

<400> 2148

agnttcaatt	cgcacggnn	tnncgcccct	tttggnccgc	atttaatttt	ggtagtggtta	60
atgtctatta	atgtgatttt	ttttttaacc	tttctcccaa	taggtngatg	acaacaagaa	120
actaggagaa	tgggtaggcc	tttgtaaaat	tgacagagag	gggaaacccc	gtaaagtggg	180
tgggtgcagt	tgtgtagtag	ttaaggtaag	tcaccgttta	ttctagggat	gaaggttatg	240
ctgggtaatc	atataaaacc	ttgtattgaa	ataagttgag	gatcttataa	aaggaaaaaa	300
ctgattcaac	aggttttaaag	cattttctgc	atttcaggaa	aaaaataaaa	gctgtaattt	360
acaagccagc	caatgaatct	gcttacctga	ttgtgtttgt	gcagacatac	tttaaaaaact	420
ggcaatagta	aagccatgtt	accagcctta	aggacattga	agtcctgaag	gtccctgaga	480
atggctataa	caaactcttag	tgatgggaaa	cattttttata	aaaacatagc	taattgttga	540
agctccccta	taattggata	ctaataaant	tggngaaaaa	ttcctaaata	nttaaccaag	600
aaaattgcct	gccgtntttt	tgtttttttt	aaaggactat	ggcaagggan	tncttcaagg	660
nccaaggatg	tcattgaaag	antattttca	aatgccngga	aatgnaanaa	aataaaaatct	720
ttggcntccc	naaaaaaaaa	aaaaaaaaaa	t			751

<210> 2149  
 <211> 740  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(740)  
 <223> n = A,T,C or G

<400> 2149  
 agnttcaatc gccgaggagg atatagcgat agagatggat atgggtcgtga tcgtgactat 60  
 tcagatcatc caagtggagg ttccctacaga gattcatatg agagttatgg taactcacgt 120  
 agtgctccac ctacacgagg gcccccgcca tcttatgggtg gaagcagtcg ctatgatgat 180  
 tacagcagct cacgtgacgg atatgggtgga agtcgagaca gttactcaag cagccgaagt 240  
 gatctctact caagtgggtcg tgatcgggtt ggcagacaag aaagagggtc tcccccttct 300  
 atggaaaggg ggtaccctcc tccacgtgat tcctacagca gttcaagccg cggagcacca 360  
 agaggtgggtg gccgtggagg aagccgatct gatagagggg gaggcagaag cagatactag 420  
 aaacaaacaa aactttggac caaaatccca gttcaaagaa acaaaaagtg gaaactattc 480  
 tatcataact acccaagggc tactaaaagg aaaaattgng gtactttttt taaattccct 540  
 gttaagntcc cctncattaa tttttattgt tcttggngag ggaaaaaagt aaaacattgt 600  
 ttaattttta aaaaaaaann nnnnnnnnnn nnnnnnnnnn nnanaaaaaa annnnnnaaa 660  
 aaaccngggg gtcnttaaaa atattggggg ggnnnttttt ccnntctccc cncttnttaa 720  
 aaaacctttt gggngnggtc 740

<210> 2150  
 <211> 745  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(745)  
 <223> n = A,T,C or G

<400> 2150  
 acgtttcaat cgnacgagat ttttatgtgt ttattcttan tttatagaat tcttagttgc 60  
 tggaagccct caaaaacttag tcatattacc attgggtatt tattgngtcc ctttcaagtg 120  
 agggacgagc ataatacaat ctgcattgta catgaccagg attttttttt aaaaaaacag 180  
 tactgccctg gtggatctag tttattattg agtgatatgc agaaaggtaa attgtttgcc 240  
 atgttggtgc agtttcattg ggaggggaagt gtttaactccc ctgagcactg cccttttctc 300  
 tctccttaat tttacagtag gttgcaccaa aaccattcct ctgagagaaa gcaacactcc 360  
 agtatcttgt ttccattaag agataattag ctttcagcaa atcttcctca gcaacaaat 420  
 tacattttta cttctttgag ttcttttggg gcaaaattta nctgttttcc tgtattgcaa 480  
 aaaaaaaaaa tgtttatgtt ctggatctaa naattgntgn tatttttagnt tgcttggtaa 540  
 agctatttgg tttatgacaa gattcataaa agtgctgtcc ccacagngaa attttagggg 600  
 atntcttaaa tgaagttcac cagnggaatt aaaggggtatt agnggttgaa gtgaaaaagt 660  
 actttntggg ccataaccagg tcccctgnct tcaagttgga cttcttctaa ataagttttg 720  
 gggccatttg gccattcttt caata 745

<210> 2151  
 <211> 1336  
 <212> DNA  
 <213> Homo sapiens

<220>



<221> misc\_feature  
 <222> (1)...(1336)  
 <223> n = A,T,C or G

<400> 2151  
 ccatanncnt cnaaaaaatna tanacnacnn tntctanctaa anannnctan atannccata 60  
 tctcnnactc anannccnnc ntnatnanat ntcnnntncn cnnannnccct ntacnntann 120  
 aatatnnccc cncacnctnn atcncennct ccatttncnt nnnnttaanc ntngnaacac 180  
 natggtggcc nntacaaaan gcattccnc tatactacag tgtaaacctc atttttttca 240  
 ctccaaattg tagcagcccc tcttcttccc acnnnggggc ttttctntac nncctnnacn 300  
 cnnancacac agnacctana anngatttna tacannncta tanatcactt nncanactca 360  
 ngttccgaac anaaanctnn cncgnactat cncaccacca atactcacta tangaaaaaa 420  
 aatnntcnc cntntcccc tangnannna ctccantatc attnnnacna taanannnaa 480  
 atcntactcg tccnannana tgatnancaa cctccncata natntnatnn ntcttaatcc 540  
 acctctnant acggcnantc acnattnnca ncaannnang natatancat nnaactactn 600  
 tctcncnact nntatntcct cccncnnaac nntancntc tantnaacac nctcaagcac 660  
 tnnntancaa cttcaatanc tnannnacna tncanttcgc gncttanact cntntaaatn 720  
 ntacacacca gctatgcnac cacaanccag tttanctctn agtatcgaaa catacntnga 780  
 tatnaatcat attaacataa tntacgnaca naacaccnca ntnattnnnc tncctaccaa 840  
 catacgacnn ntatatncta cgcacngcat angncntcct cncagcacct atcnacnctn 900  
 ctncaacaat acnnnnancc tgactanaca tactancgta catncctcan tntacttntc 960  
 tganatacca ntgcgaagtgn antnatccac aagcntgcat atcnacgcnc tanatactgn 1020  
 actcaancta tacatccgca cncnatacac atactctgac ccaangntan cancacatan 1080  
 ncanctnaac cnacnannac gnnatntatc natntnnccct cntnnntnagc taatnaacng 1140  
 acgcanannt aacaacccta tcatacnana atcnaaggct nncatatcca tacgnacna 1200  
 tacctctcnt acnctcatgt agangtcnac ncnacnnaac nnttcacgaa ntctaaaacn 1260  
 atccncaagn aatacgtaac acgangnact cnntngacta nntataacng cncncacang 1320  
 naattntaaa tncnch 1336

<210> 2152  
 <211> 875  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(875)  
 <223> n = A,T,C or G

<400> 2152  
 ccccnncan nnnngnnntn cgnntcnnch nnnnnttcnn nncnnncnng ngtcnnnnntn 60  
 acnctcctn ntcnctcanc tntntntnnn anatccccc cncncantcc cncctccccn 120  
 nnnnnnnnca nattttcgaa tcngcgngaa cnttctcgac tgcccnga an ngggggagac 180  
 attatagggg ctatgtttgcc tttggaggaa aaggaaaatt gcaaaccctt nngggggagac 240  
 cnatttgcc tttggaggaga aagccaattt atcatccaaa atcctcagaa ttctcaaata 300  
 caaaaagttc tgaaaactga aagtttcttc ttaagtttgg tggcaaaagt tatattatagt 360  
 cttgacttat cccatttgat gtgaatctgc ttacatttca ttgcacaaaa tgtttctgtg 420  
 attgtgaaat actgttccag aagccactgg gaggtttaac ttaataaata gtatatgcaa 480  
 cgttttactc ttctaaaatc tgaaaattgt gaattctgaa acatatctca gaggggttca 540  
 ttaagaattt ttgggcttat acaaatttat gctacataaa tgtttatagt cttgtcttctc 600  
 tctggtatat acgttcttac tttgccattt tacttttagg cctcaaatc atgccaagtt 660  
 atattttaag attttgtttt tggcatttca aaataactat ggttactact atgatagtnt 720  
 tagggatggn gaatagggtg aatcctngct ttcaattttt tattttggtg ttcaagaata 780  
 tggttactgc cccaatttat tttggaagtt tttcctcaaa gcgtaaaaag ttttngcttt 840  
 cangcccagg ctgggtgggc tcancnctc ttann 875

<210> 2153  
 <211> 842  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(842)  
 <223> n = A,T,C or G

<400> 2153  
 aagntnaatc cgcacgagac taactggggg attttattcn nnnngcccac cagcaccnacc 60  
 gccagcttgc tcccaggatt gncgtcgtga tcatttggac ctgngatgng gcctttntca 120  
 atacgtggtc ccctannttg ttgcacaagt tcaacgangt ggtgtggcat gtgagctggt 180  
 ccatcacagc caacatnctg gctgtctctg gtggagacaa taangtgacc ctgtggaang 240  
 agtcagttga tgggcagtgn gtgagcnatc agagatgtna acaaaggcca nggctcccgt 300  
 atcagcatna gtgaccagac ggcccaccng aacnaagcna ttganaatac angtnnggcc 360  
 tgantncccn cccgtcanc caagactgnc cctttcntgg gccaaacttan cncaaacann 420  
 tggggaanaa nccccancct ncaacnggga tttattttnc cangtaagag tttacttttg 480  
 ctngccncca atttgattca ttctgnnctt tanccngat ncgganaatg gnttctncaa 540  
 atctnacctg tcccaggetg taaaagcact tccatgctta cccatggaaa anaaacntaa 600  
 caaagttaat ggtttnaaaa nntnatatt tngagnncna nttatttann naacnnttg 660  
 ggcttctcac gnccattana ttccnggggn gggctntttt gnntcccaa agggaaactt 720  
 ntannaaaac ggtccttant tntttntctt nnnannaatt tantnnatnn ctctntact 780  
 nttaactacn aaacnntctn ttccgactac ctataataaa cttcttgtgg gaggcngctt 840  
 cg 842

<210> 2154  
 <211> 1236  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1236)  
 <223> n = A,T,C or G

<400> 2154  
 tntttnnnnn nnnnnnnnc tttncnntnt tnnnttnenn nnnnttnntn ntcnnttctt 60  
 nnnnnnnct tctttctntn ntntnnntnt cttnntnttg ctttncnntt nnnnnnnntn 120  
 ttgtnttctn tnnnttnntt ttcttttncn tttnctntnn cennctctnct nnnntnecgc 180  
 cccnccctct cctnncnnnn cccccctc nctntntntn tntntnttt tnaegcctga 240  
 cnngttngaa atgggnnttt tttttntct tncgcccc ntgnactnctn tcccattttt 300  
 cctttttgcc gacccctctt ttttttggt ngntctnnc ctnntcnggg grnttttttt 360  
 cttttctnt tcnctcttt ntctctctt tttnttctt ntntttnttt ccncnntcn 420  
 tttttcttc ctctctttt cttttctct tcttttntt nctntntnn tctttntcn 480  
 tccctnttt cennctctt tccctctt ctnctctt cttntcttc ntctctctt 540  
 ctccctntnt ctctttntn tncctcnnnn tttnttctt tntctctt ctntctctt 600  
 ntnttctct tttnttctt cctcctttt tctntcttc ttctctctt ctcttcttc 660  
 ttctctctt ncttctctt tcttttttg tntctnctn cctttnttt tcnctnttc 720  
 tnttctann tttctntct cttctctnc ttnnnnnnt tntntcttt cctntctnt 780  
 ctccncttc nntctctnt tctctcttt ntntctctc tctctctct ctnccctnt 840  
 nctctctnt nctctnncn tntntntnc tctnctntt tttcctctn ttntctctn 900  
 ntctctctc tttttcnn tctctctnt tctnctntt ctctnctnt cttcctctc 960  
 tcnngtctct ntctctctc tctctctt ctnntttnt ctctnttct cttctcttc 1020  
 tcactttccc tntnctttt cctnccctt cncctnttc tctnctctc cctctnnttt 1080

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nnctnnntc ntctctctcn tcttctctct tntntnttct cttctctctn ctctnctntc 1140
tcttntctct tctcttncct cntctctnct ctcttctnt cctctctctn ntntntctnc 1200
ccctcttnt ctctctctc tncctctgc ntntcg 1236

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<210> 2155

<211> 1378

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1378)

<223> n = A,T,C or G

<400> 2155

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tctgtttac tannntcatc atnncttnat tnttncenn ntttgtctcn nctnntcnn 60
ntnangngtc tntntctcg ggantcannt cacncttctn tctntncta ttgttncccc 120
ccctctctan nccccctc tnnatattnt ntntaaantg nacgagtagg gccgnntatn 180
ntnctntgan tgaccccgnc tgtgtttgta acctgnntat nctgntactc tcnattttgc 240
ntgggnntct ctttancac tnanccgggg ggnttntctn atnantactn ctngtctctc 300
tcacncttct tctnctnct ntatcnana tnttgcctn attacntncc ccttcttctc 360
ctgggataat ngacncttct cactttgcct cnttntttn cctcatctca agnaaaannn 420
tngcntccc nnnatctgc ctcttgcga gctncaactac nngnnctnc tntancnata 480
ttnnagtnta cnnnantctt atacantcca ctantantcc cnccttanna cgctntctt 540
ancttctnct gnacnattna tttanntctn acnattaacc tantanncta gtncnctnt 600
atttactact gngcctagc nctgantgt ctatcttaca ntttccgacn ntntnntct 660
ctncttctcn atgnncttct ntccnncnc ananttttnc ctcattcnctn ncactnctn 720
antnctctt ncnngctat tgtatctcg ctctcnngat attgcactgt actctantct 780
cactatctt ntctcttctc tctcantact cctacntatn tatcncgant cttntctct 840
acantctct cntatnctga atntactagt ccttagttn ctnnacaann gngctctctc 900
ctcttctcn ctcgctctc tattcnctc antanntatn cgtctcactc tcttctctc 960
cacantctc ccatattcg acgctctcn nnnncttact ntagnctant ctngtcccc 1020
anttgactc actntctctc ncantctaaa ctcttctc cgtnttctc tctatctc 1080
tcnacattat actctcatg atctctccn tccnactat cngtttgcg nacnnngtcg 1140
agtantntnt acttatnag ctcatacang atatatgtat attgtcctc ctntctctt 1200
antctanag natcatntn accatcttgc tcnattntc acttactctn ctntcatnat 1260
ctatntcatc tgnctctact cgnctcatat acctctctn natgctctca tttaccnct 1320
ctctctatgc gntctnctt cacngnatct atttccccg tntnttctn ntttctc 1378

```

<210> 2156

<211> 1333

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1333)

<223> n = A,T,C or G

<400> 2156

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ggcccaattt gggtttaacc caactcccc ctcggggaan gtccccccct ttggncccaa 60
ggtttgggcc ctttggccgg gggnnccagga cccaaattcc ccnangnctt ttgnnccnag 120
gagcgcttta accgtntnn ncnattctcg ggtatttatt tctctctcgg ncccccttct 180
nggcgntnng gggggggggg ggttntttt ngatatata cctctcngag ggngngaaaa 240
tacatncacc ncnntntng gnaaatttac ngtcanaan ngccanacca tatactccn 300
nanaatact ttnntntntc ncaaannng tacncttct tctctannan ttcgatagn 360

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nnnacantcc tntatttttnn tatttttaact tntacaantg cnnnnanttt ancccttttt 420
actgtaccaa aanaaaaaan cntnttngcc ntttatngag gnntttntac aaaaanattct 480
ttctntcncc aattttnctn nccaaaantn nccctatcnn tctaaaatna cnnnaaaaaa 540
ntttcnat cctcaaataa nacanacnct atatttttnn aatgngnatt canaaaanttg 600
ggcccnccat naaaaaaaa aancccccct ttctnntnca anattganan ttggcgnga 660
gaatttntna annccctccc ccnntanaaa antttgtnc ctnanataa atntcatnan 720
anaatataaa aatattntcn accnnatann ttntctnacc tctcctcan ctnactacat 780
atcaancatc cacttctnta tatgngnact ncctnactaa tnnntantat ttcactacnc 840
tcnctntac aatantttta gnatngtcat atcaatccct atnctant tcttttcat 900
tntacntcta tnnntanc atcaacnaat nttcttnta gtatanatct acnctnta 960
ctcatcatnc actatcatgc tcttaatntn tctctgnta cnnatnatta cttacatatt 1020
gnccntatnt tntntntac ttctnattnt ctcactcctc cttctacntt tanatatcat 1080
ctctntcnnn tacnecatnt cctatatcac acgnntaaaa tcaacnnaaa tncncantcg 1140
ctcttntca ncncctcaa ncctnacnnt tcntntcact gtntaactc caattctttn 1200
ttaactctnc atcattctct acntcnncn tattancaca tntatncact ctatctattt 1260
cntctactta cnactctnta tcantntna atccnatctc ttacctttat naaatttcnc 1320
naatcttcnc ncc 1333

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<210> 2157

<211> 700

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(700)

<223> n = A,T,C or G

<400> 2157

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gccttttcga ttccgcacga ggtgtggagt gtcccaagnn ccnngnnnn nnanntnnnn 60
nctaattnnac nctngcagt gaaagtggg gcagactgag cctgtgtagt gaagtgtctt 120
gaggaacgtc agctgtatct tttaggaaac caaaactgca tagacattga acccaggcag 180
aaggtcatga agtcagagct aagaaatgct agtggggata gggggtgaga tagagttggg 240
aatgtttca gagctcaggt gacagtgtgt ggtgtccagt tggatatgta ccatgaaggg 300
aagaagcagt cagagtggca ccaagcttc tagcctggag gactgaatgg ttctgtgcac 360
atttcanatg gaaagaatag aggcccacag aaagttaatg agatgcattt tatacatacc 420
agttttgaat tttaangacc tgtggggtag atatccaaga tggctattcc cagnaattgn 480
atztatct tgctacatcg caaaaangat ttgaactctt acnncntaa gatataagat 540
taaatngctg gacgtggtac tcaccctgta tccacattt tggaggccag ccggtggata 600
cttgagncag gagttcagac aanctggcca catggtaaaa cccatcctct aaacttcaa 660
antaccangg gngnggggcc ggctgtaan ccactnttca 700

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<210> 2158

<211> 970

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(970)

<223> n = A,T,C or G

<400> 2158

```

cncnntannn nnnnnnnnnn nnacntcnnn tnnnnnnnnn annnntnnn nnnnnnnnnn 60
ncnnnnnnnn nnnnnnnnnn tnnnnnnnnn nnnnnnnnta gtnnnatnn ntntnnnnnn 120
nnnnnnnnnn nntnnnnnnn nnaccnnc cnnnnnnnnn tccccctcc nntctnnnnn 180

```

```

nnnaaatagg nnnntnntan ntntntntnt nntnnntatn nannnnnccc cctttnnngt      240
tgacctgcag gcatgcaagc ttgagttttn tatagtgtca cctaaatagc ttggcggggn      300
gtcatgggtca tagctgnttc ctgtgngaaa tnggtatccg ctcaaatc cacacaacat      360
acgagccgga agcataaagt gtaaagcctg ggggtgcctaa tgagtgaagt aactcacatt      420
aattgcgttg cgctcactgc ccgctttcca gtcgggaaac ctgtcngtgc cagctgcatt      480
aatgaatcgg ccaacgcgcg cggggagagg cgggttttgcg tattgggagc tcttccgctt      540
cctcgctcac tgactcgctt gcgctcggtc gttcggctgc ggcgagcggg atcagcttac      600
tcaaaggcgg taatacgggt atncacagaa tcagggggat taaccgcagg aaaagaacat      660
gtgagcaaaa aggccagcaa aaggccagga accgtaaaaa ggccgcgttg ctggccgctt      720
tttccatagg ctcccgcgcc cttggcgagg cattnanaaa aaattcgacg cttcaaagtn      780
atgaaggtgg gcgaaaaccc cgccnngact tttaanagna tacccaagcg ttttcccctt      840
ggnaagcttc ctttngggcc ccttttcttg gtttccgnac ccctggcnnn tttaccgggg      900
antaccctgg ncccgccttt ttttccntt nnggggaaag cgnggggggt ttttcataag      960
cttcancnct

```

<210> 2159

<211> 786

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(786)

<223> n = A,T,C or G

<400> 2159

```

cnccccctng aattcggcac gaggaacct gactctgcct cttagcccct gggttgaagc      60
cgactagaga atctcagacg tgcttaaccg gtctgttggg cttccctgcc cttttccagt      120
cccagggttc ctttccctgc tcccttctctg cttctaattt cagccaaaga gaaagcaaaag      180
atttagaaaa gaagggtagg aagaagctgg aatntgaatt ggcaagagaa gtnngaggtt      240
gtcttttcta gatcaaaaca atttttaata ggctgatgtt cacatgttgc actttctaaa      300
gcccgtgctt gacctcctaa ggaattttaa gtccatttct gataatcgat ttatgaagta      360
aattgccatt aacgcctctg ttttatagat taagaagaaa atgaggtcac agataaatat      420
ccgtgccnaa acgacgtggt ctttgaactg acctccaggc acgatgtcat tatttaactc      480
gagaaatcac agcttctgcg tcctaccatt ctgccaatat tcacaggcca agaagctcaa      540
cttaacaccc ctnggtagaa aaaaagaaga ancccnttaa atatttgctt ggaataccgg      600
gaaaggagaa aggggaaata attnggaacn taacctntgn ctngggaggg ggggaaaaan      660
canatnntgg gaananatcc cacatcgac ccctgntat ggaaagcctt tttgaacaca      720
nantngaant gggagngct tnttnggga aaaacccctn tcccanantt tttttgaaa      780
ancnat

```

<210> 2160

<211> 754

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(754)

<223> n = A,T,C or G

<400> 2160

```

cnntnccttc gtgccaagg cgcccgact cggctggtcc tggagagggt gcacttcgag      60
aagtacaacc agcgcttttg caacgatggg ctgcatgagc cgctggactg ggcgcaggag      120
gaaggaaagg tcgcagcctt caaggaggag cacatctacc ccaccatcat cggcaccgag      180
cgggacgaac gctccatggc ccagtggctg agcaccttgc ccatccacaa cttcagtgcc      240

```

accgctctca	cggcaggtgg	cacgggccc	aaggtgccc	gtcccctgga	aggcagtga	300
ggggacggag	acactgactg	aggcgatggg	agctgcccac	cagagtgcct	ctgagcagct	360
cacagtgtgt	gcccagatgt	gccacccctg	tgggcagcaa	naagctggga	tcnctgcagc	420
catgttttcc	cggncatgcc	ggcgttgtaa	cctcaggacc	tttccttgta	ngaacagcct	480
ttctcgaatc	tgntttcagc	tcttgcattn	catanatgaa	accncagcat	gtnaaagaac	540
tattttttta	aanaagtgat	ttttcttatt	anaccnanc	caaattttta	aaaaaaaaa	600
aaaaaaaaa	aaccncganc	tcntncnnnn	ttttccngng	ccccntttac	ntccntccc	660
naaaacctna	tanaaaaacn	ttttgttnna	tgntggcnan	aacccccenn	tcttaantnn	720
ncnnntccnc	nnncncccc	cctctnccc	cnna			754

&lt;210&gt; 2161

&lt;211&gt; 1109

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1109)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2161

tgngnnnnngn	nnggnccgnt	gggaaggtnt	cnacgncaca	nngannaanc	ncngantcng	60
tananattnt	gtatnagncc	tttgaagtat	nttgggggtn	nacnggggan	cgtttagttc	120
gngatgacna	tgnnnaattt	ntataganga	ttatgggagc	nnngccgatg	tannntatat	180
gnttgtcaca	tttatcntat	tcctcnatng	tcataattaat	atnnnttnan	cgngcgatan	240
ganngtgggg	gggtgcnca	tnnttagann	anttgntcat	ggaatagnat	ncgtannntt	300
taancnaatc	cnngttnatn	atntgancac	ggncntatn	aggacgnatt	gannntnnnn	360
gagntantaa	nantgnnnac	ncggnttnna	gaggtngnct	cnnaancntn	nttntcantg	420
ngaagtncnn	cnncntann	nnataatgng	tcntagnnnc	aantnnannt	ngtgannant	480
gtgtgatgna	nnngntata	tnnanngntn	gnntnttaag	tnnnnnnggan	nnggncngng	540
ncnnngntnn	nnnnntngnn	tannanncng	cgtnntatgc	nattgngtnt	canctcagtc	600
tntcngtcan	gnnnnngcnc	gannngtan	tancntgntt	aganntngan	angntncgn	660
tnggggagtnc	nntgngggac	tnncacnacn	nnngattnt	cgngatgan	cgctctgat	720
atnnnccggn	cntnatncat	gcncgtntnt	gacctanann	agntcaacnc	ntgnatcntn	780
actnnnttna	ncnnntgtt	annnccgann	ggntgtncn	nactnnntnt	gacnnntcac	840
ncggtgttan	cntgnaganc	acanacgant	gcncntgtgc	tannngnntg	anaaccgatg	900
tggtgcacgn	aatntatctg	tanatttcnc	ntgngngca	tagnnnagng	naaatngang	960
cacgnannnt	ggcataantn	atcanannan	tcgtntatga	ttgagtntat	acggantnat	1020
annnnntgtc	nggattatac	gatatangna	cntgtncann	atganantat	gaatcnanat	1080
gnacattaag	gatngggatn	tanacgaag				1109

&lt;210&gt; 2162

&lt;211&gt; 978

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(978)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2162

gggggggggan	cgtaantcgc	netcntntgn	attntaagaa	ttngtactat	tgngngnnnn	60
gtatnttgca	cntgagatta	atncagacga	tcgctntagt	agcctatgac	agctctgccc	120
ggtacatttt	atgtctatcn	cccttagtgg	gcgnggctca	tgntatann	nnccagggat	180
tcnacttgat	gtgagntgtt	gcncanntnt	tnattttntg	agntcangca	gnangnntag	240

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cnnagtttan nannntgtaa gantgcngcn ttnaagtant nnangggcgt ccagtgntng 300
tgaaagnnngg tagnanatan ccnnnggaac ggnttttnga nnnanangcn gancegcngn 360
ttgaanagga nnnatgngcg aggnnttangg tgnantngnn anntnannca nnatnntngt 420
tgggcnannt ntntnnnattc ngnttgcccn ngntnnancg gatanccngg nnnngnccnn 480
ggatnattnn gnntnanatt gangngantg angcnangnt nnnntngtc nnncgccctn 540
tnatcgtgtg tacgngncnn ctgtngtnta ncatgtgnnn ncatagnaac nanantcgtnt 600
atgngnannt gtntatggaa attnagatgn atatggtttn tannggaggt tgtntnnanc 660
agcgtntnnan ctntnnnggn tantntcaan cgntagnaac ntngtggtcn tnangaggng 720
ntnnaagnat nggtcaggaa gntggggctn nnttacctn aatntnngna gntctgnnnc 780
atagtnacnc nntgaaccnn cctaggaan nngnctnnnn ccngnancng ttnnngtntt 840
angcacntt nnagaangct naannccggn ngnnngntga attagncgnt tgagngnggg 900
ngntcganta aantgggnnt gatnataata ttatcnangc ncnannatgt gncgtatggn 960
gcaaattcag gcnnttan 978

```

<210> 2163

<211> 778

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(778)

<223> n = A,T,C or G

<400> 2163

```

gcccncctga atttncacga cggacngcca gccaccatg tgtttagatg ggatantatg 60
gtatttttca tgtgtcattg cctggcatgg tntatattcg actacattca ctgaggggtg 120
tcccaggggtg gcacactgtg tntttcaaaa cttgannatg cagtcgcctt ggttcatccg 180
cgaanccatg acaatataca tttttttgtc tgcnttangg gacccaacta tnanctggag 240
aactggncgc tacagattac gctgcggggg tacancagac gaaatcctac atgtataact 300
acagctctgt gactgtatnt aaagganaan agagnntntt tataaantat gtntanataa 360
atgctttcaa aaantctacc ttctgcagtt tttatcacat gtatgtctng gtnnctgccc 420
tttaatcatt ntngcatggc ccttgccnct gtgaaaaaaa aaaanncatc ngtagtcttt 480
ggccaaantg atncaatttn nttttgtggg aanntngnag anntcancnt agaattgctt 540
tttanganc ctggncctcg ttnantcntn ngntggctnt atttttttta aaacaanatg 600
aantcaatct tttctctcag nccgcttntn tcaananaac ttttgnnccc ggcattnnnt 660
cantanaann aaanntecnt tnccttgcct acgcaacctt tttttaaacc cntttaaccg 720
gnnnggcagc acnctctctg ttttctaann tttcannaan antcctcnca nncggana 778

```

<210> 2164

<211> 1165

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1165)

<223> n = A,T,C or G

<400> 2164

```

ggggcntggn taannnganc ncgcaggtng ggcgngactn tganntncat tannttacan 60
nncggntaat nagntgcan ntaaaanttn cnnnttgntt ntggnnnttt tcntaaatan 120
ataacatttg cgnntgagnn cngttccntc aattgccng ntggcggggn ngacgnnann 180
ccttntnnan ggcangnga cntgcngntt gtcnncnagn tnaactgna ttnaatcnct 240
tgcngccenn angtnngtan ntngngaaa anntcgntnt nntnccnccn nttcnacgn 300
nagtgnagta ngatnggctn aattntctt aagntattg annngannag tntnccnct 360

```

aatnntcngc	naatcgngtn	cagtgnatna	gtcgagnnng	tatctcgctt	ngtnantang	420
tnennagtgt	gtgtangtcn	acgcggctgt	gganttgtat	tangagtaan	nnacgcgncg	480
antgatnagn	nattgctatn	gngntantnn	ttcagcggac	nttnatnntg	cgaggcgtgt	540
tatacantga	tgaggntaga	tancntcttc	cgtntgataa	tntgancgag	agtaagngcc	600
nngngtanag	angnnncntn	ananagangt	gagtatntca	gaagncgngt	atttncgata	660
nanngtagcg	acntnccgcn	ngnatgtcta	nngnctngga	cnagctgnnn	atnatatgnc	720
agatgnaanc	ctnatntgtn	cntnaacang	nanacacgag	atatactcng	antanncgnt	780
gtatntatat	atgtgnttnc	nagattgttn	agacganatg	atcntatant	atgnngaagt	840
tggcngtata	gangegttaa	acnnagncgn	agttntnngn	taannnaact	antcntngnc	900
aacgcaatat	gtggcnaaat	gatnctccat	cttanagcng	cgcgnggatt	natattnttt	960
anaaacgatc	gttgtgtntc	cacngangaa	gttnaatgat	ntnctannnc	angtatatga	1020
ancggagnaa	gttnnatgat	cnnnaatant	ngtgnntan	atcgnatgta	tatagtgcna	1080
cgnantnctn	gcnnngaanta	ganctnntnt	tntgntacnc	acaatntcnt	nancctgcnn	1140
nggantatta	cgtcnntntn	gtgan				1165

&lt;210&gt; 2165

&lt;211&gt; 1271

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1271)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2165

nnnnnnnnnc	accccaccac	tgnccgnaaa	actatggana	nnaaaannnn	tgggcnanng	60
ntcntgaaaa	agggngatgt	atggatttan	atccncattg	gcgtctcaaa	ananganggg	120
angactagga	ggggggtgaa	ttanntntgt	catanncgag	gngntntnaa	tannatnann	180
atgcccgtatt	ntatctnaaa	ctgtannctc	cnatccnatn	tattngcatg	cnacagtaac	240
gtacnccatc	tntacnnact	atctaactcn	ctcgngnggg	ggnggtgctn	ttntntatgc	300
aattntaaac	accgcgantt	ntcntataa	cgcategata	tactgnctcg	tcacacnctg	360
ancgccnctg	atagttatnt	gatcngcnat	nccncccttn	ttgnnnnaaa	tcnnaccgat	420
acgntaccnc	tnataacnnt	nnnnntgctg	nantatntcc	cnntatcnet	tcannnaang	480
naenccntgt	ntnecatnnc	nttcngcttc	nnncaantna	netgntctag	ctnagtnaac	540
nnaananccn	ttcncnatnt	ngnntcnntn	tntgtcnnta	ntnannntaa	atnnnccaan	600
cancngnnna	anttcataat	nnccnccnng	cacacgnagt	aatgcgtcan	tnannnctc	660
gnnnnnatnt	annatctacn	ntctttatcg	ncnntntgna	ctggnnatnc	naatnnncgc	720
caanncatnc	anntggntgt	ancnnnnnat	nnacannngn	nttnanntcc	ncnatcnntn	780
nncgacnnng	aatcatannn	ngcnaactgta	agnantanta	cgctgtgnaa	tnannttgcg	840
ncatctgacn	cgantantnc	gacntanata	tcantntnta	ttnatntaen	cgcatanent	900
gmnatnatnt	antnnccnat	tcaaaangta	natgcgncta	tatnnccncc	ntnngataca	960
tnntcngacn	tnngtaagat	atcgngngant	anatgntgnt	ccctactngg	gtnanactag	1020
cnctntncaa	gtngatecgt	ntntgtntgt	taagacntgn	cgtcttntgt	atacgaanng	1080
atacgccgtn	ccccnanata	tangntncnn	tnngacgata	ntacatcctc	aanagtatga	1140
ctctnnccga	ntgaatagtt	atanatanat	atntcanatg	gatnggagtt	attannatgt	1200
actctactta	tnctccgact	attatgtaca	cgtnatgta	cnancgatac	taccntataa	1260
tnacgcgnt g						1271

&lt;210&gt; 2166

&lt;211&gt; 740

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature



<222> (1) ... (740)  
 <223> n = A,T,C or G

<400> 2166  
 cctttnttaa aaaacnagcc acaaaatccn ccnttgatc tagtctggat ctggacttga 60  
 agggaaacat ttttcttata ttttgctata agggacatta gtgggacact tggcaaaatt 120  
 taaatttaact gtagattaga taatactatt gtattgttaa ttttctggct tttattctac 180  
 tttgattata ttataaaagt ccttggtgtt aggaaataga cactaattat tttgggttaa 240  
 aggaatatca tgtgaaattc actttcaaac agttccaaaa aacacagtga tatatatgta 300  
 tatatatggg tgtatacaca cacacacaca cacacacaca cacagagaaa gcagtgtaat 360  
 aaaagtttaag atcatttggg aaatctggga attcttttac aatcttagga actattctct 420  
 aatgaaatta tttaaatatg aaatgttacn gtattttaata tgaaaaaaga gngagctcgc 480  
 tgtatgtatt ctctcatgca aaagtatcgg ccatattatt gccaaaggnc aaagcaagtt 540  
 tttgaaagta ggatgtatan ctctgtcccc attttttgtg aaaaaatggg atgtatgaaa 600  
 tgcattgtgca taanaaacca atctgttggc ccnggggcn gaggcnccnc ccctgtaatt 660  
 ncnacnctta agggaaaggc gaacccagcc ggancanca aggnccaggn naantgaaaa 720  
 ccttncnngn ttaanaaagg 740

<210> 2167  
 <211> 718  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (718)  
 <223> n = A,T,C or G

<400> 2167  
 cctntnatcg ccaagtgact gtgctccctg accgcaaca accgacctca cactgatggg 60  
 aactggacat gtggaagagc tgctggctgc atcaggggaa aggaggagga agagggtcag 120  
 ggtggagagg aagatcagtc agtgggcaca agacagtcaa atgggcaagg cctgcctcgg 180  
 ggaactagaa ccttccagga tctggagccc gggagagcca cactgtgggc ttaatgtgaa 240  
 tagaggaaca agtgggtatc tctgccaggc acccacttt cttctagtaa catgggctca 300  
 ggggactcag ccctggacag agagcctcca gagagtgaac agtcttccag atctgggcca 360  
 atcatcctgg acagaggccc gcgaggcagc tttgccctgt ccacctgttg ggtgggcaga 420  
 gccaccagga acccagacac cacctccaac tctgagcctt ccagagcttc agcctctctt 480  
 cgctgtctta cccactgaa accaacaggg gatcgggcca ggctcccaga ttcttgagga 540  
 cagggacttc ngcatttact aattgggggg actactgtgg nggtaagggg gcgcctgctt 600  
 gcctgatnca ngatggggtn nagggacaag tgggcccgtc ctactcacg gantgggggg 660  
 gtgtangctg gccaccccc caaggcttgt ncancnantn ttcttccccg cagggcca 718

<210> 2168  
 <211> 739  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (739)  
 <223> n = A,T,C or G

<400> 2168  
 ccntcnttcg aattcgacg aaggcacccc ctcccggggt gntgggtcct ccttgtcacc 60  
 tgccctcctca tcatggaagg ggggtgggcta tgaaagccgg tctcaaagat aactgcatcc 120  
 ttcattccag gaaagcccta gaattagggc acattgcaaa ctgaaatatg actataattc 180

ttatgggacc	aaatttaagc	aatttttgtt	tttggctgaa	gagacaccaa	aatattagag	240
gacaaatatt	tttagatcca	tttaaggagt	tttgaagtgc	ctaagatgac	ctattttgtca	300
gtggtgcaaa	attaattctc	ttcttttttg	agttgtagtg	aatatgcaat	ttctgtgttc	360
cccttccacc	ctttaaatct	taggatgaca	agttataaag	aaagaagatc	tttgtctggg	420
acccccaaag	ggatcctttc	tctaagggtc	ctgacagtgg	gtccaggacc	agacctctct	480
acaaaaaatt	gccccaaacta	cagtttgcaa	ccccaaacca	cattagaagt	ctgtgcagac	540
atccctccgt	ggtgtgtgtc	ttgngcatt	ggaaaaggag	tcaggagccc	actgtgangt	600
gagaatgaaa	agtggatctc	aacttgggca	cngggggctc	acgcctgtna	atcctaacac	660
cttggggggg	caaaggtggg	tgggatcact	tgagncaag	gagtttgang	ccagcctggg	720
caacattggc	naaacccct					739

&lt;210&gt; 2169

&lt;211&gt; 732

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(732)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2169

nctcaccat	tttnacagg	attttatctc	ggtgcatgca	ttctgctcca	agtgtcacaa	60
ttctggntac	aataattata	atatttgag	ttactactaa	gactttcctg	aaagagggtg	120
attgtcccaa	atattgtaac	ataaaaaaat	actaaatgat	cttaaagctt	cctaaattgt	180
gaaaagggtg	tgtgctaaca	tctcagaact	ttanacctgc	ttgttgtcat	ctttaccgat	240
ctctgatgat	aaatgcagaa	gggatctgag	agtttttaaa	gcaagtagag	tcaatcagag	300
ttttgaacat	catagtaata	cttccgtgat	tcagagttag	atcatataaa	tcaaagtaac	360
aatttggatt	ttttttaaac	aacaatatca	taactgtcat	aaaacagatg	gtccaacccc	420
aggagcagat	aataacttgg	gcagctctgn	ggggaacaag	acggggaaaa	caactgttct	480
aactgcccac	tagaacagtg	gtttnaacta	ctacaattct	cagtgtttga	nagggtcaagg	540
gaagaaanga	ctatgtggat	cccttgtggc	tatgcagata	ctacctcacc	agagttgtcg	600
gtagaanact	ggtggtttgg	ttcaaacctt	gtgantaaaa	gagttggcca	accttttant	660
cttttgggaat	aaaagccacc	ntttctnanc	caaaaaaaaa	aaaaaaaaant	ccccccctta	720
aaaattattc	na					732

&lt;210&gt; 2170

&lt;211&gt; 803

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(803)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2170

ccccntega	ttcngccgag	tggccaaggg	tggggccaag	actccacata	gatccanggg	60
ctcattccat	gatgctctca	tttcttanag	tcctccaggt	gtacaggga	ttgtttcact	120
gacagacagg	ccaggatata	tcataagctt	cttgggcaca	agttggagtg	gtatgggtgg	180
aattccagca	caattaggca	tatccgtggt	tgggtgaaca	caaccataca	agggggagag	240
gtctctacca	gtggcctgtg	cagncctgcc	atgttctttc	ctgggtcaatg	ttttaaatga	300
taacttgnaa	tactactaaa	tacagccggg	ccgcagtggc	tcacgcctgt	aatccagca	360
ctttgggagg	ctgaggtggg	tggatcactt	gaggtcagga	gttcaagacc	agcctggcca	420
acatagnгаа	accccatctc	tactaaaaat	acaaaaaatt	agccaggcat	actggcangc	480
accctgtagt	cccagctact	ccgggaggcn	tgangcnnga	naaatcccn	tgtacccccg	540

```

ggaggtggga ggttgaccca gaagcccaaa nattcgctac ccacccactg gtactttcca    600
gccgtngggc caaacaagan gtggaagaac tcttgtcttc caaaaaacca naacnatnna    660
aaaccctggg cggggggcca acaagcnggc ttnattgccc tggtaaattc ccaacaacnt    720
tttggggaag gccccanng cananccgga ttcattgaag ntcacgaaa ntgngaaaac    780
ccnnttcntg ggccaacat tgg                                           803

```

```

<210> 2171
<211> 763
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(763)
<223> n = A,T,C or G

```

```

<400> 2171
cncccccnng ttntgggttg gaggtnttct gaacttaaaa aggaaaatng caaccattnt    60
agggactagt tgcctttgga ngaaaaggan aattgcaaac cttataaag accaatttgc    120
ctttggagga gaaagccaat ttatcatcca aaatcctcag aattctcaaa tacaaaaagt    180
tctgaaaact gaaagtttct tcttaagttt ggtggcaaaa gttatttata gtcttgactt    240
atcccatttg atgtgaatct gcttacattt cattgcacaa aatgtttctg tgattgtgaa    300
atactgttcc agaagccact gggaggttta acttaataaa tagtatatgc aacgttttac    360
tcttctaaaa tctgaaaatt gtgaattctg aaacatatct cagagggttt cattaagaat    420
ttttgggctt atacaaattt atgctacata aatgtttata gtcttgnctt tctctgggat    480
ataccgtntt tactttgccc ttttacttta ggccctcaaa tcatgcaagt tatattttaa    540
attttgcttt tgcctttcaa aantanctat ggttactact atgatagggt taaggatggg    600
gaaaagggtg aatcttgcnt tccatttttt taattttggn aantccanaa ttatggttta    660
cctggcccca attttaattt ttggngnttt ttttctcttc naaagccgtt aaaangtttt    720
gggntttnan ggnccaaggg gggnggnngg gcctcaccnc ccn                                           763

```

```

<210> 2172
<211> 1113
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1113)
<223> n = A,T,C or G

```

```

<400> 2172
acgggggagg ccctaccnng ttaatgcggn aanattcngg gnnnaacggg aangnnaann    60
ataggatttt ngtaaaagat atttcccaat gggagccaaa ntnggttcan ctnggctage    120
ntntctgnnt atntgcgcn aatctacgcc ctntancgtg gccaaantat gnatgggggg    180
ttaagannan ggetcgccac tntgctntgt cntntactat ctatatttat aggggggggg    240
gggngagacc nctnttttcc cgccacact atctnggtat gacgccnntc nntctntcgc    300
atggatgtgg cacatantat tgnntnacc atttaatgtt tctgnnaatc catngggnta    360
ccacgganat atgtaannan ttntatgcgg cncataggntc tccgnaaaag tctattgnnn    420
atnatgctnt ctntactn cncgctgaa nattacgntc ncngcccctn ncttaannct    480
gnntttntng aanatnctcc ntntacacnn tnnntacncc tanttgntn ctgcnccncc    540
anaaatatcc ntnccataac ttnccangnt cgcacanngc nnaannnctn tcccttctcc    600
catcccatth nnnccnnatt naantntcgt atananttnn gaancttatt ngaancganc    660
cnntcaacnt ngncgntctc nttntntaaa ttcgaagntc tntgggnnnn aaaatgncct    720
ggcgcctn naaggngntt ccccnngnaa cantcttccc nttgttnnan gttgtggann    780
ntaaaatngg gtntnntn cnangnccna ancgggctng gggagaanaa attgntncc    840

```

```

gggtaaaant aaananatat anntccnntt actcctctnc atatagaaan aannagnagn      900
ntcctctcnt tttctgcnn naaancctatt atncgncggt aatnggccnc tagnaaacat      960
nntgnaaaaa nnttctnttg ncctcncata taantgccac taaatcntnt cnnnaacntg     1020
gtggggntta ngaganaann ttccttcagn nnttctnatn ntgggatccn ctngngggaa     1080
cannatnatt tctnnncann gnggncaana tna                                     1113

```

&lt;210&gt; 2173

&lt;211&gt; 736

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (736)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2173

```

nccnttcgct gggatggctg actgctgtgg ccgggctggg cagtgtgccc caacagctca      60
gtgctttcct gacactccag tgtctggggg gggtgaggag ccgagttctc tcttctctcc     120
agaccaagtt cctccctcgg gtttgcttg agacgtgttg cgtttttggg ccccgaggcc     180
tctccctggt aggctgccac aggccctgct tctggaaggt gaacagctcc tggtgctgc      240
cgagaggggt ctggttgggg tcaccaaagt gtgcccggct gctatgaaaa acgttgggaa     300
tcttggtttc agttttttat tctatgctag gttgtacaga cttatttata tcatcgtttt     360
gagggactaa tggaggctta ttgtaacata taatattann tgaaacctat gaattatatg     420
aaaatgatac atgagaaata angaaactnt tttgctgatt gnaaattttt gtgggaaatt     480
ttgtgataac cttgagaatt atacttgntt gaatcnaagg ccacttcttc tagaatttat     540
tggtaaaatt ctgncatatt taccttctaa atctnctctc aaagggggccn aaaagatacn     600
tatctttact gggaaaaaaa aaaaaaaaaa ccccccccn tttaaaactt ttangggggc     660
cntntcccg anancccccnc ctgannanac ccnttngtgn gttggggncn nccccaccn     720
taaaaaaccn cctccc                                                    736

```

&lt;210&gt; 2174

&lt;211&gt; 835

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (835)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2174

```

tnanncntat aanngtncca ggagataant agactanntn cgcctncgaa tgnctgccc      60
ctcggtcac tgatattgga gtactccgan aagggggatn tattttggca nnnatgttnc     120
ttttnnctg ntgtnttnaa ngcttccat ttttatanca tatcgcgaaac ttngttcana     180
ccnacttgc cnnnaacaan atnacagccc nngctgtcn gtgaantagc nggatatac      240
accantgcan antnttgagg tattggcnng acntgtgntc cgaatectcc agagtttnan     300
gcggngggaa tcacangctc tggtnnnngg tgcntntgga aacattgtgt tgcngaangc     360
ccacatgtta tgcncaaacn aaaacntggc gccntttgng ncatatgtnc antgananta     420
aattcnnnc cccnatacct ctatnngnnt gtggtnttgn atgncctaan accctatnan     480
tnnctcgntc ntngtcncca annggtccat cntnaatnag ngannttctc ctgnnnnntt     540
catttgntac cccaagaaca ananttncaa agtttattnn naanaactca acggaaantn     600
nctttgttnc tattaacaan aattaaatn cntggnaatn ataataaac atagntnnta     660
ntcccttttt nnncgtcann naataagctn cgnatatac nngcnaaat nnnagaataa     720
cantatnggn nnntanacnn tacngnnann gngngtgcnt gtacnttaca tttctantaa     780
tggcagggnt nanatgggtt atctatatca nggngctntc tcgaaaatna nteng      835

```

<210> 2175  
 <211> 773  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(773)  
 <223> n = A,T,C or G

<400> 2175

ntntnttcca nncnncaan atatncctaa ataacatgtc tnaentgntc ggtaagactt	60
actgcaccct gtntctataag atagaanatg ccctgccctt acaagacaan ganactgtag	120
agctatgcct tctaaatctt aanccactct tnagataatg gatcccttna tggccagccc	180
aaacatctca ngaactttta ntttgcaccg ntctgttttt ntttccattt atttaatacc	240
acnnattcac tntattatta tgaagccaat atcnacatnt tttcacaang attctctnaa	300
gaaatgcaga antggccggg tgcagtggct cattcctgtt atncccagcn ctttgggang	360
ccnaagcggg nnggattacc ntgtngtcgg nnagntcnag accnccgctg acnaacatgg	420
agaaacccct gtctctacta anaanacaaa atcngctacg cgtgggtggca catgccctgc	480
ancccgctn ctacggangc tgaggngagaa naatccnttg ancctgggaa gcnnangtt	540
gcngtgaccc ncaacatttn cncattgcn cttccagcct nggggaacac gnagcnaaaa	600
ttcngtntc nagnaaaaaa aaaaaaaaaa nacanntntg nngnccttnn anaantcnc	660
cagnggngtt tctttncnc taaatccan nncatgnaa naataaanct ttgggtnnccg	720
tcttgggaen naacccttn tttnnanaat tnnccnttcc nctcctctct nna	773

<210> 2176  
 <211> 1067  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1067)  
 <223> n = A,T,C or G

<400> 2176

gaannggggg gggatcngtc anccnntgct anttntctggt gaaaggnnna nnaatgataa	60
attgattaat ttactagaa gaacnncgan actncncnc aatntntgga ctggnggtgg	120
ggataggagt nttgacngct cacancacaa tgngaattna gantgngngn nagtatatan	180
atttancatn atagnntggc ntanggggttn gngngggggn gtatgttttt ntncntatng	240
ccanacttgt gcatcacatg nttanacatg anagcncncg atantatatt tanttctgt	300
cngngctnnc ntanantntt tnnnnntnna naatgtnatt ntatcgatng tcatgatgt	360
antcttntn gccnngnnan ananangtnt acgcggnncn nncngtnnnc nnnnaagcnc	420
gtnggnnanc nntgnnnnca nnantgncna tatactnngt nnnntnacnt aantnaannt	480
natgnnccgg anatacgttg tttnnnnnacn acgaantann natgtgntag acnagtagnt	540
ntgttntaag aaaggnntna cganntnat nnncnngaca ngnancnnaa gcagatttgt	600
nnantggtgt tcggcaaagt cacancnang ncacnngagn gtttgnntgt gagnnnnatn	660
nctnnccnag aggnnanatc tatannnnat ggancnctna ngtnaganca tatctatntn	720
nctgttnaat tncggnnngt gggnnannna tcnntgatnt nntancncg tnnnaangtg	780
ncgcnatgt atcgctgnt gntatcnnaa tacnaaanat ttaatannta tncgcggggn	840
ttatttgata acggannngc gacngtgtgt ntgntttatn ntaccgcact ncgcgtcgcg	900
ncnccnngnt atatnangag tnnanantnt tgatgtnaga tgtctnggga ngatntcnn	960
gttacgnacg cnntcngtag cngnagncg ntnggcnat ancgancntc gatttctatc	1020
antnttggnn nncgatntag acanatatnn agtcgncgat atngngn	1067

<210> 2177

<211> 978  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(978)  
 <223> n = A,T,C or G

<400> 2177  
 gatcgtgna gattnctcan ctctagnntc ttaannctac nnaaatatgn cattatcnnc 60  
 acanaentgc ntentngat gcntgatngn ttccccatcc cttctgnata tnaaccanct 120  
 tgccnttccg agcancaagt ccacatnnnt ntggnnntgtn nacagtcnc tcnccatttt 180  
 tctgaaccg anagntggna ngactnanag tananaatgc aatatnttcn naaccacttc 240  
 nttaccnaga nnaanttnac ncantntaaa ccnnantatt cttaaanaan tttactcncn 300  
 aaaacncta ttatntaaan tgccntttga atnnaagntt nttntcattn nnggttnnctc 360  
 cggnccgnag cctaatanng tgtacgntac tttggccgcn ttggatgngn ngaactcttc 420  
 attaanctgt ggnnanggnt cantaatncc gntcgggtat ntcccttatg aancangaat 480  
 catatcnag gnttannnct ttnnngtcta tnccecttcc taggntancn nctaaaanna 540  
 cntgnggcct tgnntcntn tnncaaaata atctcacant gnatgagcan tgtangaana 600  
 cntcncttgt ggntaganaa tnatctnata tantccanac cctctntngg nnaaaagngg 660  
 cgnaacntt ccccggnant cngatagtan gtccccngcc tcntagtac tttcntgna 720  
 nanaaataga acatnacanc atttntnctn gcannnttnc ctcncaatgg natccccctn 780  
 ngggtccttt agntnatntc anacnatnta agntgannt tctctctna aanaatctnn 840  
 ctacanggg caccnaaaan nggnatataa ngctcttntn ctnttccctn ggtngngaga 900  
 gtctntnna tcttngangg atcccaaac catagtntat attanttggg acgcnngnngn 960  
 gcgggccctn ttgtnngt 978

<210> 2178  
 <211> 739  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(739)  
 <223> n = A,T,C or G

<400> 2178  
 cggngngngc gaattctcac ccttttagtt ctccaaaatt taagatactt gatttcttag 60  
 gtaaaatgt tttgtttttg ttttgagac agagtctcgc tctgtcgccc aggtcggagt 120  
 gcagtggcgc gatcttggt cactgcaaac tccgcctccc agattcaagc aattctgcct 180  
 gagcctccca agtagctgcg actagaaagc gcatgccacc acgcctggct aattttttgt 240  
 atttttagtag agatgggggt ttcaccgtgt tgcccaggct ggtctcaaac tctgagctt 300  
 aggcaatcct cctggggcag cctcccaaag tgctaggatt acaggcgagc catggcgcct 360  
 ggccagtaaa atgttttcta tctagaatga atcaaggat tttccttgct cagtagcttc 420  
 tagaataaga aaaaaatagc agcaagatct gattcagaaa tagttgggag cagaaagtta 480  
 atatgaagga gttgctactt gttaacagcc tagagttgag atctanaaga attattacct 540  
 ttttaaatg ntgatgaaag cttaaatcca catttgggaa gttactctat tggctgaact 600  
 attttggagt tttgtaagc tttggattaa anattcctga tttactgaa acttaatttt 660  
 gccacatagc ttttnaattn cattcccang ttttacttgn ttttacttgg ccntnaaaaa 720  
 ctnannaatt tngaacnnn 739

<210> 2179  
 <211> 773  
 <212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(773)

<223> n = A,T,C or G

<400> 2179

ncccnnttgc	ggngaaatac	tagcgctcct	ctactntctc	taacggnaaa	gcagcnggaa	60
tacaagagac	tgaactgtat	ctgcctctat	ttccaaaaga	ctcacgttca	nntttcgctc	120
acacaaagcc	cgggaaaatt	ttattagtc	tttttttaaa	aaaagtnaan	ntaaaattat	180
agcaaaaaaa	aanggaacct	gaactttagt	ancncagctg	gaacantccg	cagcggcggc	240
ggcngccggc	gggagaagag	gtttaattna	gtngattttc	tgtggttgtt	ggntgnncgc	300
tagnctcacg	gtgatggaag	ctgcacattt	tttctanggg	accgagaagc	tgctggagggt	360
ttggttctcc	cggcagcagc	cgcacgcaa	ccaaggatnt	ggggatcttc	gccctatccc	420
aagatctgag	tgggacatac	ttttgaagga	tgggcncgtg	tcaatcataa	gtgtgacaaa	480
aactgacaaa	gcaggaanct	tatgtactca	gtgangagnc	cctgtttttg	tctccaanag	540
acgntttcnt	tttnaanact	ngtggtnccc	nccttntttt	ggntgaaagc	attgtttccc	600
cctgtttgaa	agctttgntt	aagggatnnn	agngggntnt	gcactcaatt	ttcaactttc	660
tttttctttc	cttggnanna	annttcntt	gaaannccct	ntttcaccaa	anggggtccc	720
cancncccg	natttttcng	gaaanaaant	aaaagctttc	ttttaatgcc	nna	773

<210> 2180

<211> 744

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(744)

<223> n = A,T,C or G

<400> 2180

cnttttttta	ttcgcacgaa	gaacgacccc	gaccgaccaa	agcccgcgcg	ccgctgcctc	60
ccgcgtccag	cacctacgtc	ccgctgccgt	cgccgcgcc	accatgcccc	agagaaaggc	120
tgaaggggat	gctaaggag	ataaagcaaa	ggtgaaggac	gaaccacaga	gaagatccgc	180
gaggttgctt	gctaaacctg	ctcctccaaa	gccagagccc	aagcctaaaa	aggccctgc	240
aaagaaggga	gagaaggtac	ccaaagggaa	aaagggaaaa	gctgatgctg	gcaaggaggg	300
gaataaccct	gcagaaaatg	gagatgccaa	aacagaccag	gcacagaaag	ctgaagggtgc	360
tggagatgcc	aagtgaagtg	tgtgcatttt	tganaactgt	gtactttctg	tgactgtaca	420
gtttgaaata	ctatttttta	tcaagtttta	taaaaatgca	gaattttgct	ttactttttt	480
ttttttaaaa	nccttntttg	ttaccncaca	aaacacttca	ttgttgtttt	tnggggaagg	540
ggcatatgtc	nctaatagaa	tgtttcnnaa	gcctgggatt	gatttggaana	aaacaccttt	600
cccttctagt	nttgaaanac	ttccttttgn	gtncccaagg	angangggaa	tcccttgact	660
tttgacacac	atnggcnccc	ttttgccaca	aaancctttg	gggttnaaaa	aaannaaatn	720
nggtttttat	ntcccttttt	tcn				744

<210> 2181

<211> 741

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(741)

<223> n = A,T,C or G

&lt;400&gt; 2181

ccnncnnntng	ntganaccaa	naggtacaga	tgaagtttt	tagttgaccc	atgaggcgac	60
cagaatttca	tggatgctct	acagggcttt	cttgtctcct	ctaaaccctg	ctcatcaact	120
aggaaacctc	aggcttgaag	agtgtcgaat	tatgtcctct	gcaaaaaggc	cactgtgggt	180
gaattgggag	aaccagaca	tcatgtcaga	gttactgttt	cagaacaatg	agatcatctt	240
taaaaatggg	gatgatttac	ggcaagatat	gctaacactt	caaattatcc	gtattatgga	300
aaatatctgg	caaaatcaag	gtcttgatct	tcgaatgtta	ccttatgggt	gtctgtcaat	360
cggtgactgt	gtgggactta	ttgaggtggt	gcnaaattct	cacactatta	tgcaaattca	420
gtgcaaaggc	ggcttgaaa	gtgcctgcag	ttcaacagcc	acacactaca	tcagtggctc	480
aaagacaaga	acaaaggag	aaatatatga	tgcnnccatt	gacctgttta	caccgttcat	540
gtgctggata	ctgtgtagct	accttcattt	tggcgaattg	gagatcgtca	caatagtaac	600
atcatggnga	aagacgatgg	acaactgttt	catatagatt	ttgnacactt	tttggatcnc	660
angaagaaaa	aaatttggt	taaaacgana	aacntgtgcc	atthttgttt	gacacncgaa	720
ttccttaata	acngattant	n				741

&lt;210&gt; 2182

&lt;211&gt; 770

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(770)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2182

nctcnnntntt	atctcccaag	ccanncccttg	gatgaaaaca	tgnacctctt	ggaaggtata	60
ncnggctttg	aagactctgn	ccnacagttt	atctgccatg	ttgtgggtat	cacttaccag	120
cacatngacc	gctggctgnt	ggccgagatg	ctcggggatc	tgccgggtaa	cgccctctgg	180
gtcctggngn	natctgggag	gttgggggtg	gctnnggcag	nggncctcag	tcagctcctn	240
caacaggcct	gtctgggtnt	tatcagggtca	gcatggaang	cccancctaa	ggaggaaata	300
ngaacttggc	taagacantc	tctgncttng	aggganattc	tatgccattt	gctcatttta	360
tttttgcat	aattgagtgc	ctncnctgtg	gtcantgtgc	taanctgggc	gttccancat	420
tnnacaaagt	gggatggctc	cnattcattc	tcantgangt	ancaacnnca	catggcnaca	480
atgggaggtg	tccnntcgg	gaattccctn	tcntnaatng	aaanccnang	acannnttac	540
anaccaagt	gccatctgaa	ncccttnncc	tccntttaca	nnagaggccc	gttggccctn	600
cntgtntntg	cnnaaangan	gatncnccan	ttacngnccc	ctgaactntt	aacntttcnt	660
gggctaacc	naggtgnac	tgcgcccnat	canagctaaa	tntcgcgcca	aaantcnaaa	720
acttngnggg	tttgacnggg	gcnnnttctaa	ngtcatgntg	nggcenttcc		770

&lt;210&gt; 2183

&lt;211&gt; 711

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(711)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2183

cctcctntcc	attcggcacg	aggaattttt	tttttttttt	tttttaana	aaataaaact	60
ttntttttta	taanaaaatt	aangttttta	gtanggaaaa	nccngtttgt	ctttcnttta	120
ccantncaan	cantnttttt	tccaaaaana	tncntnggg	tttatngggc	cnttngtcng	180
aanccanccc	cnggggaatn	tntaaangat	cccctgctnt	gancnccaag	tngaangtaa	240
gtttntnttn	tncttggggg	aancaanggg	ttcanntgtt	tnttgcangg	nncanttgcc	300



```

anggganagt taancncant tccngnaccc ntcctgaana aaaaatnctg ccaaaaaacaa 360
aaatnccccn gggtaaanac nccccntgaa taaaaaaaaa tcgncntaan gngtntcaaa 420
tttttatttn ttngggcanc aanggacttt gatcctttgn cnggcttgga aactnctgcc 480
agcccaactc antacanngc anctanaant gnttccaatn tggccnggga aaatcaaaant 540
acccgggggc ccaaattgttt gaagtttttt gaccacaann ananaggaaa nacaaaaana 600
ggaaaatncc ctnccttgn tttaaaaaca tntncttttt tgccaaagng ctttaagggn 660
ggaccgggaa naaaaacctt ttttnncnc anacnaaagg gttcaaccn n 711

```

<210> 2184

<211> 749

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(749)

<223> n = A,T,C or G

<400> 2184

```

gcccntngnc ccngnccac agaataccnc tggttggagc ctgcacatcc tccagcctga 60
tcaaaaatta ttctgcatag tteccantgt gctttctggg agctatgtac ttcttcaatt 120
tggaactttt tctctctcat ttatagngaa aatacttgga agttacttta agaaaaccag 180
tgtggccttt tccctcttag ctttaaaagg gccgcttttg ctggaatgct ctaggttata 240
gataaacaat taggtataat agcaaaaatg aaaattggaa gaatgcaaaa tggatcagaa 300
tcatgccttc caataaaggc ctttacacat gttttatcaa tatgattatc aaatcacagc 360
atatacagaa aagacttgga cttattgtat gtttttattt tatggctctc ggcctaagca 420
cttctttcta aatgtatcgg agaaaaaatc aaatggacta caancacntg ttgctgtgc 480
ttgcacccca ngtaaactg cattgtagca atttgtaagg atattcagat ggagcactgc 540
ccttanacat tctcttgggg ggattctctg cttggctttc ttggaacttt ntggnaagga 600
taaatctctg ataanggcac ttcaagaaan cgtaacaacc ccagtgctt ttcttccaaa 660
tcattatgga naaatactat tgccnntnnc aagggnagaat gccaaacccc cccacggnaa 720
aaattttnga agnttcngc ccaaatttn 749

```

<210> 2185

<211> 741

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(741)

<223> n = A,T,C or G

<400> 2185

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cnncncgct gacttggcnt tttcttctat ttgctgggta gaaaagtcct taaagtggat 60
gctcatgttc agtggcctgg gcatatattg ttctactggt atcaataata ttntagata 120
taattttcta gcagctagggt tttacatgta tatacactat ggttcagata taaattaccc 180
atctctctat attagcccag ttagctagta catggataag tcattagata atttgctacc 240
catgtatttg tcctattaag atgtagtatt aataaaaatta ccaagttatc ttagtattgc 300
tattatgggt aatatttcct catgtaaact gtataaactc acttatatac atatatacac 360
atgtacacat atgcatacat aancacacac aaaggtaata aaagtgatc tatatgtagc 420
tagtaacaag ntaatttcag aatatttatt ttgtttttct ctantggaca ggngggaaaa 480
tatgggaaag gangtcttca gggctgcttc tgacctgact angacatgat taaaacactt 540
nggggagcct ttagaaataa angggctgtg atggctcagaa nnttatatac ntttttnnac 600
cctatgatga attttttttt tttttttnan nanaaanttc cccctnttat tnnnttnngc 660
tgnannnncg aaangncccc ttnttggntt nattnganac ctgngccttt ntggntcnaa 720

```

cnaattctnc nnnctnanc a

741

<210> 2186  
 <211> 795  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)...(795)  
 <223> n = A,T,C or G

<400> 2186  
 ccnnnatacna atcggccgac caacaaaagt cgtgagtgat cactgaaagc tctgctgtga 60  
 aggtgacatt tgataactgg ggaagactgt tcaggtaatg ggggcacatg tgtgtgcana 120  
 ggccctgaaga aggtgctggg gtggcaagaa tagccaagag actcatcact ggacccgatg 180  
 gggagaggag taaaagaaaa ngccaagaa ttggaagaga tggcgggcan gtcattgtagg 240  
 gccttataaaa gaatttgact ttggctgana gggganccgt tagaagggtg tgaacagagg 300  
 agcaatgtga tctgacttct ctttttagctt ttagtnccct gtacctgect tgtggagaac 360  
 agccagagac aaggctanaa gcagggactc cagntagatg gtggcatggc cttagggcag 420  
 ngagggttgg tngnagttgt aatgtcttca atgtcaagaa acttgaattt gacntgntcc 480  
 aanagcattg aganntcatg gaannatgag ggttgggggt gcgnaaattt acntaatcag 540  
 caancacccc gnetcttgtt cccctgttgg cnataccnac tcgttgnttc cnattgtgtt 600  
 naaattnttn cnetaatgct ctnccaanaa nttangcccc ttanagaata attnattntt 660  
 taaggaataa tttngccttg aaaagggccc cattanaaac ccccatcttt tcccccaacc 720  
 ccttttnaag ttttnattna aaaaaaacnc natanccttc gcccgaantg gacttnnnng 780  
 gccttatant cccc 795

<210> 2187  
 <211> 750  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)...(750)  
 <223> n = A,T,C or G

<400> 2187  
 ngcncattnn ttctgnacgn aggcccgctt cccctttctn ggtaaacgga tgaagaaata 60  
 aaaatgccat ttctatttgt aaacttgtat ttttgtattt atatttagga gtataaaatg 120  
 tacttatatt taggactaca aaaatgtacn tgggaagggt acgggacctc tatactcagg 180  
 ttaagtctcg actgcacact gacaggagta tgtagaccat tccatttccc tgaagactca 240  
 gccttgtag tatcaggact ggtcggcaga tgtgcaggaa aagggtggcna gaaagtgcaa 300  
 gtnctanaag cagatgatat ttccagatcc acagcancce gaaatactac aaaangaaaa 360  
 tatatnacnt agcctcttca gatcatcggg cagggccttt aatcctctgt ccattacaaa 420  
 taaaaaaact ttattactga ttcatcataa tgaacantat taaattttta aaatcacata 480  
 aagctgtgtc aatttttaaaa cccaactggc cgtctttcca aggacataa cnagcnnctt 540  
 aaaaaanaac cacattgatg accacccaac cttctttgnt gctccncttc ggggggattc 600  
 ctacctttct gaactttgga nnacntccc acangantct gaccccttt ngnaaggngn 660  
 ntnacntga ncttgatngg gccnacnng gaaattgtng gaagggtncn cantaaagtng 720  
 gaacccnnnt ggtttcnccg ganaattccn 750

<210> 2188  
 <211> 930  
 <212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(930)

<223> n = A,T,C or G

<400> 2188

ttgaataccc	cgatggtaat	ttncaaacgn	ccccgtgntt	ntcgtntttn	ncntggatcc	60
cctggtgccc	anattannng	ntncttcann	ngtanagaan	gtaaaattca	caatctcctt	120
ttttnatggg	ngnggacttn	tttctaattt	gccacttatt	aatcntggnc	aaaatgatnt	180
gnccnagntt	catcnctatc	tgaatttggn	cattacnccn	gcnatttcta	atngcnggga	240
atantcttac	tgctnaactn	anccnttnnc	atttggaat	ntttnggccc	natcaattan	300
gnnngncnnc	tttaangggc	ggttnttnga	nnctgntttt	cgccntnct	gctggctcctg	360
nnctcccctt	nnntcgnaa	natngngctn	gtgnncnttn	gtttaaatan	tgnnnatcgc	420
ccntggnaan	tngtcctntt	gnggnannnc	tccantggta	ngtcctgttt	taantnnaat	480
ggcgcaaaaca	ntcgattngc	tnnctcattt	cacgntncc	cnntttttgt	ncttannncc	540
naatttanac	ncaaccnna	tttaacttag	caattcncgn	accnnttttn	ggtaaanntn	600
ttcnggntct	cntcnaacan	angganaant	ntttttacnc	ncaatnnncc	ncggggcctn	660
acanncacat	aaaattgnnt	ttcccncnc	tntaaanttn	cccctaatta	atannggnat	720
tntcangngn	nnttnctcct	tncaactcan	atnccttggt	cacctcctan	tataaaagnc	780
ncntttcagt	nnntnttatt	ntccaaacna	nntttnaaac	nnaaaaatnn	tgggaccagg	840
nantttctac	cntaannagc	ctaccccccc	ntattnnnaa	angaaantgn	ctcntttaag	900
mntanccaaa	cnntaatccn	cccncgnan				930

<210> 2189

<211> 745

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(745)

<223> n = A,T,C or G

<400> 2189

ncccntcnaa	ncgncganac	tgattcnttc	ctttntttac	aactgttaaa	aaacctcaaa	60
atagttctct	tcaaaagaag	agagattcca	agcaacccat	ctttcttcag	tatgtatggt	120
ctgtacatac	ttatcggagc	gcgccagtaa	gtatcaggca	tatatatctg	tctgttagca	180
atgattatta	catcatcaga	tcagcatgtg	ctatactccc	tgcaagaaat	atactgacat	240
gaacaggcag	ntcttgagga	agaaagagca	tttctttaan	tacctgggga	atacagctct	300
cagtgatcag	cagggagttt	atttgaggac	atcagtcacc	tttgggggtg	ccatgtacaa	360
tgagatttat	aatcatgata	ctcttcgggtg	gtagtttcaa	aagacactac	taatacnat	420
gaagccgttc	cagctattta	atgctggcaa	ctactgnnta	atggtcagnt	aaatctgtga	480
taatggttgg	aaagtgggng	ggggtatgaa	attgnagatg	tttttagaaa	aacttgngga	540
atgaaaaatg	aattcnaatg	nttcnatggn	agaatgggtg	aaccattgc	tatcattcca	600
ttcctggctc	catggcaaaa	aaanttttgg	aacattaaaa	aatcanaatt	aancccaaat	660
ggtttccttt	tttttaaaaa	aaanaaaaaa	aaaaancnc	ccccnttta	naacntttng	720
ggnngcntnn	ttcccacnan	ccccca				745

<210> 2190

<211> 765

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1)...(765)  
 <223> n = A,T,C or G

<400> 2190

actccnnnnn	annnnccgag	gtttggggag	agtgatggt	gaaggactcc	caggagggcc	60
ctggagacag	tgtgaaatnc	gagggaggtg	aagatgcttc	tgtggctgcg	gagtgggccg	120
ggganggcag	tgggacctg	cagaggagtg	gctctcttg	caagatcccg	gatgtgctcc	180
gcagaagcag	tgaactcttg	gtgaggaagc	tccaggggac	tgagcctcgg	ccctccagca	240
gcaacatgaa	gcgagcagcc	ttcttgaact	atctgaacca	acctagtgc	gcacctctcc	300
aggtctcccg	gggcctcagt	gccagcacca	tggacctctc	ttcaaagcan	ctgacatttc	360
aacccggccc	ccangtctgc	tgggtcccc	cacccccac	agtcctcac	aagcattccc	420
cattgctctc	tggctcttcc	ccacccttag	gtgggacant	gaaggggagc	agttaaacca	480
gaagattgct	gtgcccttan	ggtcttaanc	tccntcctc	caggaatccc	tctttaagaa	540
gggaccttn	agganacctt	ctctgcnacc	ttgtggtact	tttnagagta	nnctngcctc	600
tgaggcccca	acggtgggt	ncaaaagcca	nngtantngc	ccntaanan	aatccancct	660
gctggccggc	ttttcaagcc	aaaaangttt	tgggggggnt	tgncaaaaca	anntngcctt	720
tgnccttgg	cgntnttna	ctcccttct	tttggtgntt	naann		765

<210> 2191  
 <211> 754  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(754)  
 <223> n = A,T,C or G

<400> 2191

ccccgnttca	atccgcncga	gggntccca	acttgccttg	cagntgtnc	ctgagacctc	60
aaaccagttg	gagctgatca	caaccaggc	cacaaaggca	ggcttctccg	gtggcatggt	120
ggtagactac	cctaacagt	ccaaagcaaa	gaaattctac	ctctgcttgt	tttctgggcc	180
ttcgaccttt	ataccagagg	ggctgagtga	aatcaggat	gaagttgaac	ccagggagtc	240
tgtgttcacc	aatgagaggt	tcccattaag	gatgtcgagg	cggggaatgg	tgaggaagag	300
tggggcatgg	gtgctggaga	agaaggagcg	gcacaggcgc	cagggcaggg	aagtcagacc	360
tgacaccag	tacaccggcc	gcaagcgcaa	gccccgcttc	taagtcacca	cgcggttctg	420
gaaaggcact	tgctctgca	cttttctata	ttgttcagct	gacaaagtag	tatttttagaa	480
aagttctaaa	gttataaaaa	tgtttctg	ngtaaaaaaa	aaagttcttc	tggggccggg	540
cgtggtggct	cacacctgt	tatcccangc	accttgggag	gctgangtgg	gaagatcatt	600
tgagggcngg	aagtttgana	cccttgnctt	gggcnacatt	aatgnaact	ttcttttnca	660
ngggagaaaa	aaaaaaaaaa	aagccttttg	aaanccattt	tttttttnt	taaaangnca	720
aaaaaanaaa	attnccnttt	tngggnaaaa	aaan			754

<210> 2192  
 <211> 782  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(782)  
 <223> n = A,T,C or G

<400> 2192

ccnttttnat	tcgcccagg	angcaanagn	aacctcttcc	agcccnctgt	tcctnagaag	60
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gtgccaggtt tccnncatca cacacntacg cagcgcctcc ntccactcgg aaggactatc 120
ctgctgccaa gaggggtcaag ttggacagtg tcagagtcct gagacagatc ancaacaacc 180
gaaaatgcac cagccccagg tcctcggaca ccgaggagaa tgtcaagagg cgaacacaca 240
acgtcttgga gcgccagagg aggaacgagc taaaacggag cttttttgcc ctgctgacc 300
agatcccga gttggaaaac aatgaaaagg cccccaaggt agttatcctt aaaaaagcca 360
cagcatatat cctgtccgtt caagcagagg agcaaaaagct cattttctga agaggacttg 420
tttgcggaaa cgacgagaac agttgaaaca caaacttgaa cagctncgga actcttgtgc 480
gtaaggaaaa gttaggaaaa cnattccttc ttaacanaaa tggtccttga gccantcacc 540
ttatgaacnt tgttttcaaa atgccttgat tcaaaatgca accctnaca ccttttgggt 600
ggagttcttg aagaantgga aagaatttaa cccctcaatn gtaaaactnn ccttnaaaat 660
tnggaccttt tgggccataa anangaacnt tttttattgg ccttaccat cntttttttt 720
ttttttttta ancanatttt ggcnnnttna anaaanttgg gtttttaaaa aaatttttan 780
an

```

&lt;210&gt; 2193

&lt;211&gt; 1413

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (1413)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2193

```

aaggagggg naaaggnnnn ncggggggnc nnnnanaaaa aaaaaggggg aagaaaaaaa 60
aaaaaaaaag ccnngaanaa gttnnnncaa aaaaccccaa gggnaaaaaa anantgttta 120
aatcgagggg ggnccngnnc anccgggnc cactnnncaa angngganana aaaccccnng 180
ggnggnaann nggggggggg ggnntntttt aaaaagnaaa aaagnnggan aacacncaca 240
cggntncacg ggtngngcgc agggcngnca cggngngggn aanacngaag agaannaanc 300
ccnngagngc nnnngngncc ccncagacnn cngcnacaca ttancgaaaa ggnccgnaac 360
aanntccag gcanangnc cggangcgac tanannacng naagggnggt cntcaannng 420
ggnaggccnn cnaagnngac ntcgcaacca cangantcca acggaanaac ncgntnnggg 480
ganggcnaa angnnncccg gannnnnggc ccncggggg ggaanganccg acccnnnca 540
naggnggnaa cnaacgacng ntnaacnagg gnnccgntaga nacannnccg caannngngn 600
cncncngann cgggncagna atannccncn gggacncgng gnacannnnt nnnncnangg 660
ngncancgcc aacaanaacc cgnaatcgcc aagccncnan gnangnagga aggtcnncan 720
ncgancagna aaangcnnga agtacgancc cggcngccnn gaaanacggn ncagaantnc 780
ggncacncc caggggnatn ggcaacanag cnnnnacact cgtncnnna ccaggggaca 840
natagnnnca gatanacnnc accggagagn nacnncgcgg cangccggan nnacnnacgt 900
gagaannacg ccacatcaac gagngacgac gngcnacga nagtcgacac gncacnngga 960
agcatccggn nggcnngcgcg aaananaccg tcagagannt gcnagagccg atatacnngn 1020
cgaacgacna tacnncngng nagacatcgc gnaagncncg anacgnnagg gaagaaaaan 1080
anagnccnnc nanncccnng ncaccacgnc ccnaacacn ncacnggatg gggananaaa 1140
agangnntan ncgnacaagg tnaggatgt gatgacnac ngcgccggn caancananc 1200
nggagncgaa atacgacang gagccagac ngagccacc ancgcacgna aangcacggn 1260
gccccnggcc atnccagcga gnanagnnan ctcgncgggt anacgggagg ccnagaggc 1320
ggccanacca nnacnnnnac ncaccgagng acgaganana ncaaaatcca cgnacgcgng 1380
cnntcanaag angacnncnn ccnngnnaaa ngn

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&lt;210&gt; 2194

&lt;211&gt; 745

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

<221> misc\_feature  
<222> (1)... (745)  
<223> n = A,T,C or G

<400> 2194

atnnnnnaaa	ccaggggctc	atgtaactgt	gattaagctg	tttgttggcg	gaattaaaga	60
agattntgag	gaacatcacc	ttagagatta	ctttgaggaa	tatggaaaaa	ttgataccat	120
tgagataaatt	actgataggc	agccccgcta	tcagcccgga	tgacagtgc	gaggagaact	180
gagggcacgt	gggtgcggc	agcgggctag	ggcccagggc	agcttgcccg	tgctgccgtg	240
cagttcttgc	tcctcacggg	gcgtcacccc	cagcccagct	ccgttgtaga	taaatgcctt	300
gtggcagagc	tcccggtgaa	cttctggatc	ccgtttctga	tgcaaattct	tgtcttctct	360
cacttggtgt	gttagaactc	actggccant	ggtgttctac	tcctacccca	cccacccctt	420
gcctgtccca	aattgaaaga	tccttccttg	cctgtggctt	tgatgccggg	cggtgaaang	480
gtatttttaa	ctttaagggt	aagtctgtgt	gtgagtgtt	acagctgac	ctcgggnaag	540
aacaaancta	aagcnggctt	ttgnctggta	ttttaatttt	ttgaagttaa	ataaaagtta	600
ctaattttgn	aaaaaaaaaa	aaaaaaaaac	ctcgagccct	ttaaaactat	agtgagtcnn	660
attaccgtan	ncccagacat	gaaaaaanac	attgatgaat	ttggacaaac	cccactngaa	720
tgcnntgaaa	aaaatgcctt	ttttt				745

<210> 2195  
<211> 766  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)... (766)  
<223> n = A,T,C or G

<400> 2195

agnnnnnncg	aggaaggatc	tccttggtta	ccaaanggcc	tctccctttt	ccccctttct	60
gggtggagga	gggagaagtg	ggaagtagct	tggggaactgg	tttgtccaca	ttaaacttccc	120
cattgttccct	tgccccgccc	tcagggcaga	gccccctgcc	caggctgggt	aagagatggg	180
cttgggtccag	cagggaccct	gagggaaaca	acccttttcc	ttctggggag	agagtgcctc	240
cccctaccat	gtagtgaac	aggggctagg	agctccccc	tccccctcct	ctaacagcag	300
gctgtgtgtgg	tttcaattcc	catccttccc	accccggtta	ggtgtcgtcc	accctgtatc	360
ctgtgtctga	gtgtgtgtgg	gggggttctg	tactaatttc	catggccggg	ggcttttccc	420
tccatgcac	actccccccc	gcatgccag	ggggcaccgc	cctggcatta	ccgcatgctg	480
gggtcattgg	gggagggggg	tggggctcac	gctgcctgtg	gtcttganat	ttttattttt	540
tgcatatgta	atccattctg	tacangtaac	taactttgta	aacgcttgtg	tattccctnt	600
tgcccccatg	gcttgcgtgt	gtaaaanaaa	ctggcatctn	cccgtttggg	aaaaaaaaaa	660
nnnnnnnnnc	nnnnnnnnnc	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	720
nnccctccnn	ccctttaaaa	caatnngggg	gccttttaac	ccaaan		766

<210> 2196  
<211> 918  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)... (918)  
<223> n = A,T,C or G

<400> 2196

atnnnnntnc	aaanncnntn	nnnnnnnnnn	nnnnnnntnc	nnnnnnnnna	nnnnnnnnnn	60
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tnnnnnnnnn nntnnnttnn nnnnancnana nngnatcnnn nanannnnnn nntncnnnnnn 120
nccancncng gngcngccgt tttgaaatcc ntatnccanc tacttgggtt ctttttgcag 180
gaaccatcc gaatccgcct nanataaaca gtactctctc tcaggattct cttggaacat 240
tcaactcatt agtgagtggt cntccccagt catttccatt tttctttatt tnggtctga 300
tagttnactg tttttgtntn tcagagataa tcctttacta tactaaattc tacgtgatta 360
tattttccac ctctatttgc ctatatataa tctgctgact tttccttttc catatatggg 420
cttannnnan tgnntccctc ttcttctttt tctacctttg gtatnnaaaa agtnacttag 480
ggactnnnnc cactggctta cgtgtgtaat cccacnactt tggcaggctg aggcgggagg 540
atgcntganc cccgnggttc aaggctgcan ngagctaccg antggagccc ctgccactcc 600
agcctgggca acaagaatga gaccctggct ggntttnggg gggaanaagt tnatttcaca 660
acgtttttga aaaaanattct ttngcccaan ncatggntgg cncacacctg ttaatcccag 720
ccacttttgg ggaggcccgga aggccegnatg gntcancttn gaggccanaa gnttnnnacc 780
anncntgggc caaanaatgg ngaaaaaccc ccttntnttn cttaaaaaaa acaaaaaatt 840
agccnggcn tagtgnannc caancctgn aaaacccaaa atanctgggg gaaacctcca 900
ncctnggggg ncaaaaann

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<210> 2197

<211> 855

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (855)

<223> n = A,T,C or G

<400> 2197

```

ctatcctttc anctcttggt ctttttgcag gatnnnatnn nagnncagan nnaaaagctg 60
tgtccttaat gacagcaaag ttaagcactt ctttgtcct agagacattt attcattcta 120
aagaaaagcc cagcatgctt cagtggattg aactgttgac gaaacagttt aataatagtc 180
aggcagcttg tgagtggttt ttagatcgta tggctgatga cgactgggtg ccaatgcana 240
tactaattaa gtgccctaata caaattgtga gacagatggt tcagcgtttg tgtatccatg 300
tgattcagag gctgagacct gtgcatgctc atctctattt gcagccagga atggaaagat 360
gggtcagatg atatggatac ctcagtagaa gatattgggt gtcgtcatgt gtcactcgct 420
ttgtgagaac cctgttatta attatggaca tgggtgtaaaa cctcacagta aacatcttac 480
agagtatttt gccttccttt acgaatttgc aaaaaatggg tgaagaaaga gagccaattt 540
ttncctttcat tgcnngetat atctacnatg gtancatttt tacattgggg aacccaaaagg 600
gaccttgaaa atccttcaag tttggaatg gttatcnnga aggaagaang ggggaaagaa 660
agaaagaagg gngggaagga aagattatcc ttctntctg ggcaggaaag naaanaaatt 720
ncagggccca ccctgcccct ttgaaaaagg aatggaatag cctntaagtt ngctcctttt 780
tnggggtngn aacaagtntc tcggaatcaa gaaaangggg ggaaatngtt tcccgaattt 840
tnaaaaatg tcttt

```

<210> 2198

<211> 787

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (787)

<223> n = A,T,C or G

<400> 2198

```

tatectttga actcttgtct ttttgcanga nnnnnnnnan cgtnttcngn ccgaggcttt 60
agctgttaga aaggannttt cgtgacatga cacagacaca cgtgaacncc cagcccgccc 120

```

gtcctagcag	ccagctgtga	aagctgtgtc	aagtcacggg	ggttcccgtg	tgtctgtgtc	180
atggatgcaa	tgcgggccct	ggaggactgt	gcgtcacccg	tcaaccagag	cgtgcctccg	240
ggccagcttc	cctccaagga	atgagtggat	ttcatacagg	atctctttat	tgcacagact	300
gaatggcctt	acatgtttct	aatgtgaatt	aggcatgtga	agcagtgggt	gtccacccgt	360
gtccctcatg	ggtgagccct	ccagctgtga	gcccaggcag	tgtggtcacc	gagtgaggac	420
cctcctcacc	aggaaccgna	ttcctgtgct	gcctccacct	gagagtgtgt	aggggggtct	480
tgtcgagatc	atgtcatcag	cacccttaag	tcaagtacag	ggtttccata	gccaggcaag	540
ttggtatgta	caattcagtt	caancgtatg	aacttgtatc	tctaactctga	tgtccatttn	600
tatatTTTTT	gaaactgagc	ccaatgaaat	cctttcttga	atcattttcc	tttnggataa	660
taaaaatatg	ggggaaaatg	ctatgatgaa	atttatgcaa	taaatgtata	cntgtgtgca	720
ccttnccccc	atcctgggga	aaaaaaaaaa	aaaaaaaaact	tgngccttta	aaacttttan	780
tgagncn						787

&lt;210&gt; 2199

&lt;211&gt; 1305

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1305)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2199

nnnnnnnnnn	nnnagnnncn	gnnannannc	ngcgngngana	ncannaaacnn	gaaaacgnnn	60
nnnnnangan	nnnananngn	cncccgannng	nnnnaaaangn	nnngngnnng	ngnanngngn	120
acnnanacann	cggcgaanga	cnnacgnnnn	annagagngg	gggagngggg	gngngngnnn	180
ncannncgng	anacnnngca	nangnacngg	anannannaa	nnccannnnn	cncagcngcg	240
ccccttntng	ggnaaaaaac	ccccnccnt	tnagggcnaa	accngggccc	cncnnttn	300
anggacnngg	ganaaccccc	caaaccgggn	angcncccgn	gnccccgggg	gnggccggga	360
ganaaaanac	caccngnggg	nnnnngntcn	aagnncaaac	cantcaant	ntnggcaagn	420
acccncccca	ntaggggnan	nanggaggnn	gtagnngnan	accaataaca	naaggggccc	480
tcnaccnnc	cntaagcccn	ggaanatant	gccaatgcng	tancannang	ggaatnncaa	540
ncgaggggaa	canaggagcc	gtggcnagan	ggnaggngt	gcncgcagc	cgcnnnacct	600
acggaangga	ngtnagcacn	gaaacncaa	aaaaancaa	gggggctnaa	angncanagg	660
cncnaatngc	nannnncccn	ccaancaacc	tcntganaat	ganncggnac	canntccant	720
gnnagaggaa	aagaggngac	acataaaagcc	cngcangaga	atgaagaggn	gctcagggac	780
agntggnggn	cgaaaanana	gggcggnntag	tctacagnag	ggntcanggg	aaaaggncac	840
acnnaaaccn	atgggnaaaa	aaacngangc	ccgnaagggn	ggccancan	cttaaaccgg	900
gnacnnntgn	nacacgggaa	ccggantgna	accaacctac	tcannaaacn	ancgcaangc	960
cngngggngg	ggnggtnaaa	caaannganc	tacgnntgan	angggcccca	gnggggccc	1020
naaaananga	nagggggcat	cgatcagana	taaaacgncc	nggggggggn	tcnngncaga	1080
cnaaaanggg	ggaaaaaagt	aacaacanc	cccanatata	ccctcatcaa	aaanaaaaaa	1140
nngngggcca	caggaanacn	ccnccgcca	naanaaaagg	acnacanagt	nntngcaaac	1200
acnaggggcc	ncacnncggn	ggcncaaanc	ggagccatgg	gnggattatn	aaaaaanagg	1260
gggggnanaca	nnacacaaaa	naancccccn	nggggggacc	ngcgg		1305

&lt;210&gt; 2200

&lt;211&gt; 856

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(856)

&lt;223&gt; n = A,T,C or G



```

<400> 2200
ttatcctttc aactctngnc tttttgcang atcnnnnnnn nncnggctgn ncntgttaac      60
aacatgttgc atctgtacgc cagtatgctg tacgaacgcc ggatactcnt tntttgcagc      120
aaactcagca ctctgactgc ctgcatccac gggctctgcg cgatgctcta ccccatgtac      180
tggcagcacg tgtacatccc cgtgctgccg ccgcatctgc tggactactg ctgtgctccc      240
atgccttacc tcataggaat ccatttaagt ttaatggaga aagtcagaaa catggccctg      300
gatgatgtcg tgatcctgaa tgtggacacc aacaccctgg aaacccctt cgatgacctc      360
cagagcctcc caaacgacgt gatctcttcc ctgaagaaca ggctgaaaaa ggtctccaca      420
accactgggg atggtgtggc cagagcgttc ctcaaggccc aggctgcttt ctccggtagc      480
taccgaaacg cttctgaaaa tcgagccgga aggagccgat cactttctgt gaggaagcct      540
ttcgtgtccc cactaccgct cccggaacca ttgaagcang tttcntgnca gaaacgcccn      600
cacaagnttg caagnttntt cnaagccagn ttaattggat nggtccgaat tcagaatcct      660
tctcaaatTT tccgggcgga aanggttttc aanntngatn gttttttgga aagaaagggg      720
aaatctaacc attgggnccg aaatancccc ntggcaagnn gacccaaact ggtaccatcc      780
agtgggcttt ttcaactgtc ccggaaaaang gaaatcggga accaattttg gaatactggt      840
aaaanancca aaaccc
                                         856

```

<210> 2201

<211> 781

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(781)

<223> n = A,T,C or G

```

<400> 2201
ngagttnnnn ncgaggagcc atgcgagcag ctngttcttt tggagaaaga actgtaacag      60
aactgatntt ncattaccag aaccctcagc agttgtntgc caatctatgg gccgctgtca      120
gggctcgagg atgccagttt ttagggccag ctatgcaaga agaggccttg aagctggtgt      180
tactggcatt agaagatggt tctgcctctt caaggaaagn nctgggtactt tttgttggtc      240
ananactaga accaagattt cctcaggcat caaaaacaag tattggncat gttgtgcaac      300
tactgtatcn agcttcttgt ttttaangnta ccanaagana tgaagactct tccctaattg      360
agctgaagga ggaatttctg agttatgaag cattacncan anaacatnat gcccaaantt      420
gttcataatt catggaagca ggactccngt attttnnnct tgaacagagg tccctttctt      480
ttggntgggt atntggctcc ataaattaca acatgcngtc tatcaatnga ttanggtttg      540
tgnacattna gagatgcctg atgttctatc attgctgtnc ctttgggaata tntttncaat      600
tttttnaaag agtttntacn ccaaaccagg tgggagannn cctattnttt ttaaatgcca      660
gncntttata naattnaccc ctnatttccc tctttaattn nccnctgca aaaannanna      720
nggatgccac ctcggggtnn cctaatttan natcananan aaaanntanc tctnttccnn      780
n
                                         781

```

<210> 2202

<211> 850

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(850)

<223> n = A,T,C or G

```

<400> 2202
nnagnnnnnn ggtgcctccc aatncccagc atgttttttn aacnngnttc cactanaana      60
aagacgggtt anttangcct tttcaagtaa nangtgctng gaatggttct atgaatatgc      120

```

```

aggngggtat tcatttgtat catctnnnan tgatccttan nacaatnnng agttccttan 180
anangattaa agannntana aatgngtaca tttcacntt ggggtgtngt gcgtgtgtgt 240
tcntgtnaga gggagagagg gacatngctg taaccaatcn ncagatagcc tattttatag 300
ccagcancctt aagccaaata atttcaganc actananggg aacttgaana natgaaatga 360
ctttgggaga aatacttttg gattgcttgg nnaacctnt ttggaatgcc tgantaatgg 420
gtgatcatnn nggtcaaagc acctgtgnta nnaatnngct nttgttgcnn ttgaancccn 480
tntcantgc agntgcaata ttctnnata tntcannncc ttttatttng gcaaanacca 540
cncngggaaa caaaantggt tggttttncn cactttaaac aactggctcn ttnaaactna 600
cnttctnttc tctttttgcn nantttacnt ancaactggg ntttnggnnt taanaatant 660
cgncgcgcc cctgngggcc nnaactccgg tncntcggg gggctntccg gccnnggtag 720
taanaaaaaa aaancntct ttcgcnccc cttegggtga ngncgctntt ctncgcacca 780
ctccccatt atcncatcnc cnetccctc tntctgncc tctngcgaac atnacccecc 840
ccccctngnn

```

&lt;210&gt; 2203

&lt;211&gt; 754

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(754)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2203

```

atcccatnnn attcgaatnn nnnacgagga gctctctctg gaaagctcgc actggaatgg 60
agaacacaag caggaaatgt gaaaagtaac ggttgaaagc cttacttatg atgacacata 120
gggaggcagg tgcatatctt acaattctag acacttggat accttgggaa accatattga 180
aagttacctt gatttctntt ctttctttt tttttttgag atggagtctc gctctgtcac 240
ccaggctgga gtgcagcagt gcgatctcgg ctactgcaa gctccgcctc ccagcttcac 300
gccattctcc tgccctcacct cccgaagtag ctgggactac aggcgcctgc caccatgcct 360
ggctaattgg tttgtatttt ttttaataga nacagggttt tcaccgtgtt ggccngatt 420
tggctctgat ctctgacct tgtgatcagc tacttgggac ctgagacang agaaatnctt 480
tgaacccaag angcggaag ttcanaggag caagatcgcn ccnctggact ttanccctggg 540
caacgagang aaaactcttc ttgaaaaaan anaaatncna cnaaaaancc ctgngcctn 600
tanaanttan tgagttntat tacctaaacc aaacntgnta aanaaacatt ggtnnngttt 660
ggnccaaccc caactttaat gccnggaaaa aatgcntnt ttggaataat nngatgcttt 720
tgcttttttn naaccctttt taacnncaat aaan

```

&lt;210&gt; 2204

&lt;211&gt; 1412

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1412)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2204

```

ggaggacnna ngngncnnan nnacacacgg gnnnnannan gnaggcggng aanggacnng 60
nnnggaggcg cagnncaagc gcangcgnen nanagaangn gnnngnacga gcnnancaga 120
gngagagggg ncgagggaan nngnagagcc gcngcanagn agaaaancnn nnnngnnggc 180
cgtnnnggaa aacccccccn caaannaccg cgggnanang aaaggaagcc aaagagaanc 240
ccaaatcgan gagaggagga aaangcnggg gngngnaggg gcgagccct gtgaaggcaa 300
gcaacgggca annnacaaca nanccanggc agacnctca ngngggggag gacacngaag 360

```

```

gngnngagng anccannaaa gnngnaaggn gaggtgacag anggaanggg cncnngnan      420
ngnacaaana ggnagnangc anangnanag gcccnngngg gaacaanggn naaangaggg      480
gagcganaaa agggggggna anngnggaac aaangangan cngggangaa cgggagggc      540
gnaaggggnc ggcaacggnc gcgnnnnanc gnggagggcga ncacgagaag gggaaagcnn      600
agngggcgta tggngacgn ccgangnag ggcgaagccg ncaccangng cgaanacggn      660
nnnnnnnnag cggcagngg acaagaaaac tancncgagn gggggggcnc tcctagaatc      720
gaaanannna nnagcgnana aagacgagag gggggggggg accgnaaana ggggacgaag      780
anccacgatn tngggggggg ncagaatanc cgngcggcgt annncgcaa gagnaang      840
agngggngt cacagatggg gngctgcngg gganaaaaag ngaananaga gggggancac      900
aaggngggan angacacagc nggngnagag gagngggggg agnaaaaaaa angcgggacg      960
gannanangg gggncnagag cccgccttg ccacaaaann acncgtagct ctccgcccc      1020
ggggggcnc gcagtgcann acnntggng gggggacnc cngngatgg gggcgacat      1080
ctgggaaaaa aagangggnc anacntccc ncagaaaagc accancntg ngggancaga      1140
ngganantgg gggagggggg cgcangaana nangnaaan ccnttcgga ancggngana      1200
cananaanaa anantnggc ncnnggccna gggaaaanggg nccnaaaatc cgaaaaaccg      1260
acaggaanga cgatngcaa aagaccganc ncaannctga ngtgggggg aaaaaagcgg      1320
gannncacca accaagnnaa naaangcttn nnnaggggnt ngganggaac annangtgg      1380
nangancccg gtcagacggg gnaaananan nn                                1412

```

<210> 2205

<211> 784

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(784)

<223> n = A,T,C or G

<400> 2205

```

ttatcctttn aagctcttgt tctttttgca ggatnnnnnn nnaggggtaa nnnctcagg      60
ctccaccata ccaggtctct taccttagca gaagcctgtg aagctggtag cagaaacgag      120
aaggaacaaa attaaactcca aggcagtaag ccatccacaa gaccactaca cgaagttaag      180
gctgtgtgaa agagggagcn tatttaattt tattgttaaa gaggcaataa aatatctaga      240
gaaacagcca ttaaaaaatt ggcaaatcca gcctggccaa catagtgaac ccccatctct      300
acaacaatac aaaaattagc tgggtgtggt ggcgcatgcc ttagtcccc agcttctcag      360
gggactgagg cggggggatt gcttgagcct gggangtccg aggcttcagt gagccatgat      420
tgtgccactg tactccagcc tgagcaataa gagcgagacc cttgcctcta aaaatacatt      480
aattaattta aaaattangc naaagatgtg aacagatact ttttccaaag aaaggtatat      540
gggaccagga acggtggctc atgcctgcat tctgggaggg ttgagatggc ggatacctga      600
gatcnggagt tgacaccccc taccgacat ggtgaaaccc cattttactt aaaatacaca      660
cncncccccc caaatttctg ggcattgtggc aagnccccct tagccccact nentnaggag      720
cttgangcnn ggnaatntc tgnaaccnng gagncgcagg tgtnggnanc cnnaccnccn      780
cttn

```

<210> 2206

<211> 779

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(779)

<223> n = A,T,C or G

<400> 2206

aanacettga	accccgnnnt	tnnnnnnnnn	nnnnccnaan	ncgtcaatga	caagagcagg	60
aagagcgttt	ttgtgaaggt	gattgacgtg	actgtgccct	tgcagtgcct	ggtgaaggac	120
tcgaagntca	tcctcacgga	ggcctccaag	gctgggctgc	ctggctttta	tgaccctgtg	180
gtgggggaag	agaagaacct	gaaagtgtc	tatcagttcc	ggggcgctct	gcacaggtg	240
atggtgctgg	acagtgaggc	cctccggata	ccaaagcagt	cccacaggat	cgatacagat	300
ggataaactg	ccaagaacca	gattttttaa	aggcccgcaa	aaaatctttt	cctgggagtc	360
tacaaatttg	gaaatgaaaa	aaccagaca	tcagatgttt	ttattttata	ttattattat	420
agaagggtgg	accattatca	attatgtgaa	gggacatgca	gacaccccag	cttttgaggg	480
tgctgggggt	aggactgagg	cagccccact	gggaaccaga	ctgcagcctg	cccatggctg	540
ttttcccaag	gatcaagttc	ctgganggaa	aggctcttgg	ccctgacttc	cgttgtgtcc	600
cgagcacacg	tgcttgacct	gnancccgcc	cgncctgtaa	ttcttggtg	ggtctggaag	660
tgtctgtgga	gcaccctgnc	ctcaccacag	ganccgtgaa	ccncttntn	cagtcctcgt	720
gaacatggga	aacaacctga	aaaagnagca	gccctcccgt	cagggaccct	ttntttgcn	779

&lt;210&gt; 2207

&lt;211&gt; 817

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(817)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2207

ctanccttna	anncnnnnnn	tttnngacc	nnnnnncgng	gnnngcccaa	catttcagat	60
tttccaaaat	gtnnngtagg	aagtctccat	tgtctctgca	ttatnaaaat	acactgttac	120
tatcttaatc	tcaagagtgt	cattacagt	agaatctcat	ttaaaagcat	accagtgaag	180
ttaatagcag	tgcttatcaa	agaacactga	aatctgtgag	aatctttcta	ggagcattct	240
tttcttcttt	tagttccaag	ttccagggtg	tttttcattc	ctagtaggtt	tatatgactc	300
acagaatgtg	gacttttttc	ctggttgagg	tatttttgta	atgtaagtat	cggatagctg	360
caccacagca	tgcatataat	gcacattttg	ttttactttc	tttatagaat	atttaatttc	420
aaaaatataa	tttatgccaa	aaaaagcata	cctttcaatt	ttgctacttg	gttgatttan	480
cacaaaatgc	aaagtcttgg	ggcagagagg	gggagtgaag	aaaattttat	aggtaattgt	540
tcaaaaatag	cctgtcagaa	accctaaagc	tgcatgtgna	aacanatggg	ngtnaactag	600
tttttgaaaa	agtggtngag	gaattngtga	aaaaaatctt	nagacttaat	ggctctctaa	660
cccacatgan	gtttccttct	tttttaattt	aagtaataac	cgcctgcttc	cataatttgg	720
ganggttttt	nggngttttg	taaggtcact	tggaacaana	cattggaaaa	cctggattta	780
taatttggga	taaactggna	nccataaaaa	aagaaan			817

&lt;210&gt; 2208

&lt;211&gt; 991

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(991)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2208

gcganagaga	acntcttttg	gcaaaactcc	cctgggctct	ttttttgggc	aggggaatcc	60
ccaccccgaa	ttccgnaaat	ntccgggcca	ccgnagcccc	aaagaaccct	nccancgggg	120
ccctngngn	ttttttttaa	aancccccnc	cnaaaangtg	ggancangng	gaaaanggaa	180
gggggaaagg	ggggggacgt	ttcctccaag	agagtnact	cnnccctnnt	tggggggang	240
gggggngcca	attggggcct	ccanggaat	ttcnttggga	aaaggtggng	ggaaggggaa	300

```

gnngccangg gggnnnttant atnaatccct aatcccaggg naagggggga ngcctcttct 360
tacaccaaac ctcatctctc ccctcaanga cctaattgga caatataang gaaaccncct 420
gaagggaaga agccnnactg aaaggagggg aaccagcnnn nnnncggggg nattgggttt 480
tgnngggatg ntggccgaca cctaactcga aanggnccct gccnaaaata nttggacctt 540
ctaattgaat nggactnngg gggaaaacca ccganccttc aaatttangt ccgcttgnaa 600
gnacagnatg gaatgaactg gntacaataa aaaccctcgn angcctngca ttttnaaata 660
agggaattng gncccaaaaa agaaaatctt gggaatnngg gcccnnaaat ttttcngggg 720
ggggggaaaa atttcaagaa cttggnaaat tgggggccaa gnttggancc gaaaccccg 780
aaaaggnggg ccaanggaag tttggaagt accccgaanc ccccgcttt acccctggcc 840
ctttgccatt ggggggtcc agggaatatt ggngaacct ccaangggac catcgtcaaa 900
gtgggcttgg ccaannccna ccctccgggg gaagggtnaa agaaccctat caagggngg 960
naanaanggt aaaacatggg gccatctggg n 991

```

<210> 2209

<211> 941

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (941)

<223> n = A,T,C or G

<400> 2209

```

nnngttnnna gangtatagt gtaagtatga agaacatnnt gcaactgtac aggtagtcac 60
cagtatatngt gatatgataa ataatngggc tattttgatg aagaaaactt tgttcatttg 120
tttctacttt ctaagagaaa ttgccacgat tcctctgctt ttcaacattt cntatgactt 180
ttttttcggg tgggaataaaa aagctgtgaa attgtcaacc tactttgtaa ccaaagaagc 240
aaagctgtgt aatggagttt gggttttttt ngngtntttt tttttcgcen tttttntttt 300
tataatgcnc attcttnatg tttccntat ttangcgttn ttccagcnc aattttcttt 360
actgtctagc atgatctgca tnaccnatan cnttgaacca cttttgttnc ctcatntttt 420
tattccaccc accctttatc tagnaantaat ngtcctancn cttggggaac aacatgtncn 480
aattaaaaan gaagnaaccg aancaaggcc tgntntnggn gggganccnt gannctant 540
cggtnccan tnnaacnta nactctgnta taaaaaaaaa aaaaaaaaaa naaagcgng 600
agccennnct ttntcgnngn tnccattttt aaaaaanang ggggggtttt tctggaaatt 660
taccntcnn ngcncacaaa aaaaaacgnt tnttngnttc natatttggg canaaaaatcn 720
tttaaaatgg cgcnnntttt aaaaaaaaaa anggccaaac tattgccaan aaattaaaaa 780
gtccncccaa gtgggtntn accttgggag cttntttttt aaaaantttt naaaaaatgn 840
ggncacattt ttttataata naaaancnc agctntttca aaaaaaaaaa aaaacgncnt 900
tctnatTTTT tnggggggcn ttaancctaa aaaaancatt t 941

```

<210> 2210

<211> 786

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (786)

<223> n = A,T,C or G

<400> 2210

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cnattnnnna cgaggagcag ctggcccgca ctctgnttnc tgaagccac ttccctggag 60
ctcttccgan ccaaggtgaa tgcgtcact tatggggagg tgctgcggct gcggcagact 120
gaacggctgc accaggagg cactctggct ccccttatac tggagctgc ggagaagctg 180
aagccagagc tcatgggcct gatccgcagc agcgtctgct ccgctctgtg aggggacgct 240

```

cttccgcaag	atcagcagcc	ggcggcgcca	ggataagctg	tggttctgct	gcctgtcccc	300
caaccacaag	ctgctgcagt	acggagacat	ggaggagggc	gccagcccgc	ctaccctgga	360
gagtcgtccc	gagcaactcc	ctgtggccga	catgaggggca	ctcctgacag	gcaaggactg	420
ccccatgtcc	gggagaaggg	ctccgggaag	cagaacaagg	acctctatga	atttggcctt	480
cttaatcact	atnanccgtg	gggaggaagg	aagcgtacct	tnaactttca	tttgccccct	540
tcaaagcggg	aattcntacc	ttgttngaca	ngantgggct	tcaatggcct	ttgcttnggg	600
cagtcctccat	tggggcangc	gaagcaaaac	nccggcttgg	accttgggaag	caaccttgct	660
tgancattgg	aagaaccaag	cttcccttct	gcttgganct	tngaanaacc	tgccccattc	720
cccgaanngg	gcacccccct	tgtgcccccc	accccccaac	aaantttaan	cttttgnttt	780
tgacnn						786

&lt;210&gt; 2211

&lt;211&gt; 766

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(766)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2211

gcngnannnn	caaacagacc	ttctgtttca	tgaacagntn	ntgttatatc	tgctaaccce	60
tatctaggnt	tnctccaac	ggctatgccc	acccancg	gacggcactt	cattatgacg	120
atgtcccgtg	catcaacggc	tcgtgggaac	cggaagacgg	ctttcctgct	tcctgcagca	180
gaggcttggg	agaagaggtg	ctttatgata	acgcaggcct	gtacgataac	ttgcccctc	240
cgcacatctt	tgcccgtac	tctcctgctg	acagaaaggc	ctctaggctg	tctgctgaca	300
agctgtcctc	taaccattac	aaataccctg	cctccgctca	gtctgtcact	aatacctctt	360
ctgtggggag	ggcgtctttc	gggtcaact	cgcaggtacg	gcattcttct	ctgtaagatt	420
ctagaaccac	cttcaagtca	cattgtctca	acagagtttt	tgcaacttgt	agtaaatggg	480
acncatcaaa	ggcaaaagcat	aatgtgtttt	ttttttctca	actagaatat	aatttgcngc	540
cttgactacc	caanggaact	ggntgaagat	atttctaacc	aagctcatgg	gttaattctga	600
nccactgngg	tttcttttgc	ccaccatttg	ggctctcttt	cttggctctg	ggaaaattcc	660
cagtgnaaat	tttgttgaat	tattgtccaa	cctaaaggca	gaaaaagtta	aaaaagaaac	720
nggtnatnaa	aacttttcnc	aaaattcttt	gaaaaaaaaa	aaaaan		766

&lt;210&gt; 2212

&lt;211&gt; 1410

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1410)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2212

ganacnncnn	angnnaccen	tnngannnan	nnntncnacc	gcatcnagna	nangntgtng	60
nnagangggc	agggggnggt	aggncttgca	gnancnncnc	ccccgcggcg	tnggaaaccn	120
ttncacaaca	caagggnatna	taganaagan	ccnctagngt	accccgcnag	ngnaggggcn	180
gnananntag	gggagggcnn	ggcngnctnn	nccnnaacgn	ngnntngaaa	tcnnaacctg	240
ngaaacnngg	aggggaantga	tgagaaaaaa	ngnacgatan	nnncgggacg	cnanccgggg	300
cnannaaacc	gaaaaaaatc	agcccnang	ggaaangagg	gncnnnanga	tnatgaaagg	360
gaaangggaa	aggnnggaaag	gaanaatngg	gnnaaaaang	gctggggcan	gnacgacaat	420
nagnanatcg	nggaaanngg	ccaaccnggg	tgngccannc	ctcgncaan	gaagcagnca	480
gnaacggann	ggcggatntc	cggngggngn	ngagangnnc	tcnaacgann	agaataangg	540

nagngggnggc	angnaaggtn	tgtgngnacn	catgcagata	tcgatataca	ganggagcgt	600
gancnncaac	acaagaganc	ncgaaaaana	nacnagagnc	gngnngnnta	aacgaggngn	660
nnnacgatna	cacgnatatg	nngacannng	gtcnctnacat	ganacannct	atgaaagacn	720
gacgatanga	angcgaacgg	ggtncanggc	gcgcgggtaca	tgcnnnanan	nnagcncngg	780
gngcgantca	ccaantctga	tgcataacnn	tnngggccac	agnggnncat	gtntanagta	840
acncacacac	agngngngcn	cnntanccac	gaagagccgt	annctcnngg	agaanagggg	900
aanattacan	gacatatcng	anctgtacga	gganacnctg	annatcnngag	agatgangct	960
ntgtgggggag	aanccgtntg	accccgaagg	tnngnggaacg	acaccacaca	aaacgaggaa	1020
antcagtngg	ggacangcgc	ctnnantana	anacgaaaan	tnnnaaacga	aaagaanana	1080
gngcnnnann	tgggnnnntc	atncnganaa	ganaaagang	cnantacaga	gangtncnnn	1140
ngatgccnc	agtnaagnan	actggcgnc	angggacaan	acaaagtaan	nnntgggaan	1200
aangncgcag	ctnnnnnaan	gaaatngnna	tcnnaatann	gganacntct	naagancgac	1260
nggggatncg	aaacagnacn	ngannaagnc	cngaaancna	nntngantgg	ngcanncgaa	1320
nnngnggnnc	nacgcgngcg	gatnacgaac	aacaannacg	aanangnagc	gtgggcgnta	1380
nggcaaaaac	cngnnagann	agnctcgtac				1410

&lt;210&gt; 2213

&lt;211&gt; 1170

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1170)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2213

caggngggng	aggagnnnan	angnnnnna	gngncgaggg	ggnaccacng	nggaaagggg	60
nnagaganann	acgcgcgcaa	canncagctt	ttttttntga	nanngnnngg	ngcgnanaaa	120
ccnaccnaga	gggaangaaa	agnnccgagg	gggggnnnat	aaanccntgc	gaggggaaac	180
gngngcaacn	ncnnaangga	naanaaattt	tgaggnaaaa	aaggagacgn	cnannngnga	240
ancnnncngn	ggagatnata	gnnccccnnc	nncaaagnag	gantngannn	ncnngagggc	300
ggagacnncc	nncggagacc	nnnaagcnag	gcgaannaan	ancnngancc	ccnccgncga	360
gcncacnnnn	cnncccccn	ngaancnana	ancaanncgn	cngncccnga	agcggncncn	420
ncacgaganc	ngaccncatn	gnnccccagg	ccnnccnna	anagecncna	cancnnncgn	480
ancacnccna	nnnggcnana	ntnanncngn	naggnncnaa	acacgccacc	cnnccccagc	540
nanangcaan	ngcncacaaa	aacggcncnn	caccnccga	ncggtntcga	cnagancgan	600
ncngccaagn	nancacgnng	aagncnnaan	cnngnncgan	aacngcagag	acgaggaacg	660
agccacnccg	gnganagacn	gaccncgcng	aacgangnan	agcggccgng	ncagaccacg	720
nanacgngcn	nnacgcanaa	gagtnnacgc	agacacgnnn	acncggnnnc	ggggggcagc	780
ngagaggcac	cncanatggg	cngangacnc	acnggcanna	cgcnggcgan	acgnnccccn	840
ccgtgngagg	nncccnagnn	acccgagtnc	acccccgcg	ngcaccacac	gggagcaccg	900
ccgcaanngn	annaancnac	gagnnnggag	ncaaaggang	ngcccgcgc	tnnntgaccn	960
ncgncncgcn	gncacggnc	cnaactnngn	cgagaggatn	tatgcaccgn	anganncac	1020
cccgcncngn	atgncnngcn	ccacacnncn	nggagagcga	cacacgncng	agngngagcc	1080
cnccccagcg	anggacncnc	nnagagngag	ccccncacgn	ctnggaagca	gcacancaag	1140
ggggggagcc	cngagggggg	gntacacnng				1170

&lt;210&gt; 2214

&lt;211&gt; 753

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(753)

<223> n = A,T,C or G

<400> 2214

tcaattnnnn	cgaggtcttc	caagacctga	ttcagcnttt	cacacggtgg	tgccactggt	60
cccagggttn	nccggcccca	tctcctcagg	gcagtgggtg	gggaagactc	accactaccc	120
ctaaaatggg	aagagaccag	ggttccaaag	tgacccccag	tgggggcttc	acacgccagg	180
gagtacatga	gatgatttct	gtggctccctg	atacacagct	tttcattttg	agagacacaa	240
ttatttgagt	atctagtaat	tcaagcctgg	gattcaaaga	tatcatttaa	gatgaaactg	300
aatatttctc	ttctgggttaa	gatgaattaa	tgagggacgg	gtgcagtggc	tcacacctgt	360
attcccagca	ctttgggagg	ccgaggcagg	aagattgctt	tgagcttaag	agtttgagac	420
tagcctgggc	cacatggcaa	aacaaaaaat	acaaaaatta	gctggcgtgg	tcgtgcgcgc	480
ctgtngtccc	cacttattcn	ggaggcctgt	antgggagaa	ttgctggaga	ctgaaaaatc	540
caagcttgca	agtgaacttg	tngtcacgcc	actgcactnc	agtatgggtg	acaganccca	600
gaccttgctc	tnaaaaaaa	aaaaaacctn	tttatgttta	ttttgtnaca	aaacatgact	660
ttgagccctg	ttcaggcntc	aaccttaaat	taagtaaaaa	acnaattttt	taaaaatttt	720
aaaaaaaaaa	aaaaaaactc	gancntntaaa	ctn			753

<210> 2215

<211> 806

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(806)

<223> n = A,T,C or G

<400> 2215

ccgagtcnnn	ncgagccaag	acctccacgg	ccttgtnntt	agaaatctcc	acaaagtgac	60
agtgaatgat	ngagggggag	ttctcagagt	cattacagct	ggggaggggtg	cattgcctca	120
tgaattcttg	gaaggtgtgg	agggagttgc	aggtggtttt	atatatacta	ttcaggaagg	180
tgatgtcttc	ttacacaacc	ttcattctcg	ccctcaaaga	cttattgatc	atataaggaa	240
tctccatgag	gaagatgcct	tactgaagga	ggaaagcanc	atctatgatg	atattgtttt	300
tgtggatggt	gtcgacactt	atcgtaatgt	tcttgcaaaa	ttattgaact	tctatagatg	360
gactgtggaa	acaacgagct	tcaatttggt	gctgaagaca	gatgatgact	gttacataga	420
cctcgaagct	gtatttaata	ggattgtcca	aaagaatctg	gatgggccta	atttttgggtg	480
gggaaatttc	agactgaatt	nggcagttga	ccgaaccgga	aagtggcagg	agttcgnagt	540
acccgacccc	cgcttaccct	gccctttgcc	tgtnnggtcna	ggatatgtna	tcctccaang	600
gncatcntcc	aagttggctg	gccaagccaa	acntcngggg	gaggtttaa	aanaccttat	660
ccacgggtcg	naanaatggt	aancantggg	gccntctttt	gnattggcct	cgcccttaan	720
gaacccttaa	caagantacc	cnancgncaa	ggtcttgtng	gcttggngtt	gaaaaaacna	780
ccctgttnaa	nancagngca	attgcn				806

<210> 2216

<211> 789

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(789)

<223> n = A,T,C or G

<400> 2216

tnatnctttc	nnctctngtc	ttntgcan	annnnntnnn	ntcgaattcn	nnncgagatt	60
gcctcccagc	ttgggagcat	ccaaagtaga	accatgactg	ggtcatgaaa	tggtttaatt	120



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tggtttcttt cattacaggg caaagttctc cctgtggact gagaaataaa catattataa 180
aagttacata tgctcataga atagaaatca aagagtaaaa agtattgagt gtaaaaaaca 240
agtgtctttt tccccccag tctaactccc cagaagtaac cttttttatt ttttatgtta 300
ttttttctta ctttcaagga aggagaaaag taaccatttt tgagttgatg cgtatccttc 360
gcctgagagc tatctttgta atcatccttt ttggttcctt tttcattttt tgctttcttt 420
ctgtcgtagc tgctgtgtaa tataagagaaa aaaaagtatt ttttcagctc tctcactcaa 480
ttacaattac acagaaagggt ttctgtgaca catttgtggg agtttctccc cacacagcaa 540
acagggcagtc aattctggag agaggtcacc angtggtgtt cctctaaccc aattcaattn 600
caacattgtg gtactcggag atagtgtcag atcccacang ttganggctc tgcccacaag 660
actggccccc aacttgccca ccaattgcag ctccaagctg gtttacctgg gcnttttggg 720
ccaaccgata taaatgggggt tccccacccc ttcnttnggt caaatnaatt gccggaaccg 780
gctcacaaa 789

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<210> 2217

<211> 881

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(881)

<223> n = A,T,C or G

<400> 2217

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gncntttgaa nccctttcaa ctacttggtc tttttgcagg atcccatcga ttccgnntta 60
tggnacgcgn tgctctttcg cagntnncn tgntnattcc actcattggt ganacggatt 120
ccccanacat tancattant ctctatttgg ctctgatact aancctggntn tgttgntnag 180
agataatcct nnactatact aaattctacg tgattatata ttccacctct anttcctata 240
tttatngnct gananttcct tatccatata tgggctnatt ttttttttcc ctctncttct 300
tttctacctt tggggnttta aaaagttact taaggactnn nncnctntc ttacgatgtg 360
aatnccagnt cttttggcaa ggcntgaggn agngagggga tatgcnnгаа ccnctgtnt 420
ttcaaagggc ttgcncttna cgcttatnga cgggttgccc cccttgaaaa aanncccaa 480
atnttggggc caaggaaaaa atggangaac cccctgacct nggggantnt tnggggggga 540
agaaaanttt tnttttncca aatggttntt ggggnanaatt attccctatt tggcccccga 600
gacaatnggn ggggcttcac canccnnggc ttagcccccga agccccctcn tgtgcccngn 660
ccccnnggc tgggntngc aatcnaccta tnnnggncca accaattntn tanggacccc 720
tcncttgggn caaccaattg gcnaaaaacc cccnatntn ttatccttaa aaaatttcca 780
aaaaggtttg cccccgggga atnattggat annctntncc ccgntnaana acnccaactt 840
ncttgggtga aacnctncca anaccgggn nanaaaaaac a 881

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<210> 2218

<211> 794

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(794)

<223> n = A,T,C or G

<400> 2218

```

ngagnannnn aaagctgtgt ccttaatgac agcaaanttt tagcacttcc tttgtcctag 60
agacatnnat tcattctaaa gaaaagccca cgatgcttca gtggattgaa ctgttgacga 120
aacagttaa taatagtcag gcagcttggt agtggttttt agatcgtag gctgatgacg 180
actggtggcc aatgcagatn ctaattaant gccctaata aatcgtaga canatgttcc 240
agcgtttngn tatccatgtg attcagaggc tgagacctgt gcatgcttat ctctatttgc 300

```

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agccaggaat gnaanatggg tcagatgatt ggataccnca ntagaanata ttggcggnncn 360
ttcatgtgtc actcgctttg cgagancctt gtancaatta tggaaccatg gcgtaaaacc 420
tcacagtcaa catcttnaca nagtattttc gccttccttt acnaantttg caaaaanggg 480
gtnaaagaag agagccaant ttttgctcnc attgcaagct atatctacaa tggcacattt 540
tnacatgggg aacaaaaagg gccctggaaa atcctcaagn tgaantgtta tcntgaggaa 600
gaaaggngan caaananaga aggangaac aaagaatttt ctcttcncct gggcaganca 660
aaaaattacn tggccnancn tgnnccttgg taaaaganga ataangttct ncctnggctn 720
ctttccgntt tgaaccaccc tcgnatccag aaaanggccn aaatgttttc cnannctcca 780
aantgtctca nacg 794

```

```

<210> 2219
<211> 750
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(750)
<223> n = A,T,C or G

```

```

<400> 2219
cctcaccceg aanntentnt atnggcccat natatccttn antntccna ctccaatattc 60
caaanmnctg tcaaggatca catactacat ttgggttcttt attatagact ttttaaatat 120
cgtngtatac catngtgatt ctatccgtct cctttaataa agaggagaac cagaaaaatg 180
aaaggncata agaggaatga ggtttggaga ataggtgaaa aaaggcatca taatgtttat 240
aataatgttt gcctgttcag agaaacaaga atcacagata aagtcactta tatgtagatn 300
agagaatgct gnattacttt ttgctattct attcactgat catttttcta agaactctgt 360
ntgcttcttg ttttaactctt atgtcagcat gtatgagaaa actganttaa anagatgtta 420
agtaactcat tcctgcttta ctgaaatttg gttcgatgag ggacataaac ctagcccggt 480
gtgatttttag atgctttttt taaccatttg ngtnngnatt gcctatatatt ctaagctnat 540
tcatggctnc tgagaagcaa atcatngttc tacctatgac tttagaaaag tnanaataaa 600
gatgttgggc aanaanaccc tttttatttn ggggttcntt ttngaaggag cagantaact 660
ttggttcctn gcattccctt gggtangctn gnggcggggc gtccntnttt aaatccntca 720
aaaangaaac tggttaaccc cttcaanccc 750

```

```

<210> 2220
<211> 757
<212> DNA
<213> Homo sapiens

```

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<220>
<221> misc_feature
<222> (1)...(757)
<223> n = A,T,C or G

```

```

<400> 2220
ccccnnncna atcgccnaag gttggaacaa accntgttca ctggagaggc ctgtgcagta 60
gagtgtagac cctttcatgt actgtactgt acacctgata ctgtaaacat actgtaataa 120
taatgtctca catggaacaa gaaaacgtg ggtcagcagc aagctgtagt ttttaaaaat 180
gttttttagt aaacgttgag gagaaaaaaa aaaggctttt ccccaaaagt atcatgtgtg 240
aacctacaac accctgacct ctttctctcc tccttgattg tatgaataac cctganatca 300
cctnttaaaa ctggttttaa ccttttagctg cagcggtac gctgccacgt gtgtatatat 360
atgacgttgt acattgcaca tacccttga tccccacagt ttggtcctcc tcccagctac 420
ccctttatag tatgacgagt taacaagttg gtgacctgcc aaagcgagac acagctattt 480
aatctcttgc canatatgc cctcttggg gcgatgtgt acaggtctnt gtaaaaagtc 540
cttgctgtcn naagcagccc natcaactta tagtttattt ttttctggg tttttggtt 600

```

ngtttttggtt	ttcttttcta	aancgagggg	gggaaaaaag	ttcttanggt	tcaaattgga	660
aagtttntga	tgaaanaaaa	cccattggag	aatttttttc	caggggaaaa	aaancctggc	720
atattttggg	ttttcnnnca	aatgngannc	cttaaan			757

&lt;210&gt; 2221

&lt;211&gt; 847

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(847)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2221

tttaanccct	ttnaactnct	ngnncttttt	gcangatecn	tnnnnccgat	nnnnnnncca	60
gtacgacccat	gaaatcacag	ggcttttggt	tgtctgtagg	tcttctcctg	gtgaaaagtg	120
ttcaggtgga	aacttgana	ctcctgggac	gtgaaactgg	gagccttagg	tggaataacc	180
caggaagtca	ccctgcagcc	aggcgaatac	atcacaaaag	tctttgtcgc	cttccaagct	240
ttctccggg	gtatggtcat	gtacaccagc	aaggaccgct	atctctatct	tggaagctt	300
gatggccaga	tctcctctgc	ctaccccagc	caagaggggc	aggtgctggt	gggcatctat	360
ggccagtatc	aactccttgg	catcaagagc	attggctttg	aatggaatta	tccactagag	420
gagccgacca	ctgagccacc	agttaatctc	acataactcaa	gcaaactcac	ccgtgggtcg	480
ctaggggtgg	gtatggggcc	catccgagct	gaggccatct	gtgtggtggt	ggctgatggt	540
actggactaa	ctgagtcggg	acgcttaatc	tgaatccacc	aataaataaa	gcttctgcaa	600
gaaaaaaaaa	aaaaaaaaaa	actcgaacct	tnacaaacta	tagtgaagtc	ctatttacct	660
tanatcccag	ancattgaat	aaagaataca	ttgnttnaac	tttngggacc	aaaccccnca	720
accttanaaa	tgccatggaa	aaaaaaatgc	ctttattttg	ntgaaaaatc	tngcganngc	780
ctttttgntt	ttnatgtggt	aacccatttn	taaacctgna	aataaaaaa	aggttaaca	840
acnaacn						847

&lt;210&gt; 2222

&lt;211&gt; 803

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(803)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2222

ccnccgnatcg	attcggcacg	agatnangtc	acaaattnat	gatattgncc	tgngnannnn	60
tnctacttgt	ntcccnaga	cncataagct	nctacaagac	tttttnaatg	gnnnanaant	120
gantnatagc	ntcnnctga	tgaatctggt	gcttatggtg	cagatggnga	ngcngncatc	180
tngtctgnag	acaannttgn	nantgntnaa	aannngctga	tcttggtgnt	nantcctctn	240
tcncttgntn	ttgaaantgn	tgngngganc	attantgcct	cannnnngcgt	nataccaaca	300
ttcctancaa	tgcccacaca	gacnntcact	acctattctg	acaaccagnc	tngcgtgctt	360
attcaggttt	atgaaagnga	acgtccccnt	gacaaaanat	aacaatctgn	ttgncatctn	420
tcaaaactcca	caggcntaac	tgccnccgc	cccaangtgg	ttcncctcagg	attgtnagtc	480
ccctttttga	cgtntggaag	ccnccngggg	gtncctnca	agngccctcg	ggctnggggg	540
gaacaaaaaa	ttttccngng	aacaaaaaag	naccaaagga	tttcccaatt	cacnttaaaa	600
gaanaaaagg	ggccgctttt	nnnccaangg	gaaaaacctt	ttntgaccgt	aatttgcccc	660
gangaaacnt	tgaaaaacct	tnanagcctt	annnatggnt	naacccggng	ggacnccggg	720
gggtaatgcn	aanaatttan	tttgaancnn	ttttggcctt	ttgaccggga	aaaancnctn	780
ttnggagaaa	tnngnaaacc	tnn				803

<210> 2223  
 <211> 1001  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1001)  
 <223> n = A,T,C or G

<400> 2223

aaanaaagtt gttcgantta acganatann tgtngncagt gtntgttggc cgattaatat	60
ncatnattga nagnntgcat tgtacnntgt gttntcatat gancattnta ttatgtaacg	120
ctgtngtngt gatcncatct tatatatana tcantttata gaaggggggg ggggagcnat	180
gaatatacng tagagntgac ggtnacatat tgtatgatnt antnncatta nagnagnat	240
nanattnttn tatattgtan ncangataag gtntcataaa tatagttag tnacgnactc	300
tattncngaa tttnaantnt nttactgng ttangtannt gaactcaaac gtccnaataa	360
tttattnaat tnggtcanna cnnannatna gggtaatgnc tatttgaann tcaaacantc	420
ctaaangggg ggcgngantg ngngntntaa cnangncngn tttnagaatt tatngcatnn	480
antnanttan naattngtta tgnctttana tnnantaaat ggncaganan ttccnnatan	540
aantgggttn naannnncnc ngncatctnc nttaannan nnanancnnt actatnttan	600
natncttttn anggtaacnn tanacnnnaa nagnanangt ttgnganntt annacatctg	660
ntnnggaaaa tatgcgtatn nanncatgn gantntctna gcncnnatna tatannannn	720
angatnanta tgggggtgcn tatatncncn tganttnna tanactatnt nttgtgtcnn	780
gctcngaggt gacaannata tntncatntc tcanacnaaa gtatnttgnn acacncntca	840
ttgtntaagn tccaacacng gagagagnag ganagnagat tttctatant anaaatactn	900
cacatnttat anatgngngg gaggtgtgtt ttattttnt gtgngagaaa aannaatcat	960
tnctcatgcc ataatgannt ctntntggga gannaaagag t	1001

<210> 2224  
 <211> 743  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(743)  
 <223> n = A,T,C or G

<400> 2224

taccncgnt cgaattcggc acgaggttac tcagactata tttgcttaat tgaattaaac	60
acagttgcct atgccctttg aaattctgga ctttcaacag agggcctcta gcccaatatt	120
tgcttaccaa actggacatc attgatgatc tggattcagg caggggtctgg aaaaagagag	180
actgggccaa attaaaataa tccattcact gatgacacaa aactaaacta caattgtttg	240
gcaccctctc ttctccttat cttgcaaaat caaattaagc actagtggaa agaaacagtt	300
cagagaggaa tatgggaaag ggaaaaaaa ccaaatgtg atttccaacg agactagaga	360
tttgttcttt atctacatgg tcatgttact catttgatag catctatctc aggggtatta	420
tggtatctct tggccaggac ttatgaaagt taanatttgc attgatagga aaagttttgc	480
agaaatatgg actcttgaga ggggtggagg tatataaaag cagcanagca atttgcattt	540
cttatacacc ctgcttgaga ctgatgtcat tagtgttggg taggcccagg gcttgggggg	600
angctactca naatagtngg gtgacccaat taccanac cttttggaaa aaggaaatga	660
ctttgattgg aanaagccca ttcttttnaa atgnatctta ctgctcaaat tccccccatt	720
ggccttttgg aaaaaatgcc ccc	743

<210> 2225  
 <211> 1411

<212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)...(1411)  
 <223> n = A,T,C or G

<400> 2225  
 annnnnnctg cnncccntnt tgantnngac tangataatn ntaaaanggn naccnnaagc 60  
 tntctattatt taatannacg aacncgcnc nggaenctaa tgatatactn nnttctntgt 120  
 anntgaaaaan gacatgtatn tccncnangg anngtgggtg aagtgtctcc ccccnctct 180  
 tgnatatnct cnnangactt aatntataag tnatatgnac actcncnca ntntttaaat 240  
 gnanagtntg ngggggngng gantattgtt tatacaaagc ccnnanctgt cncctnannc 300  
 nataacgntn cnantatnna tncnacntgt ntatnttttc cncncatgta agtnnatatc 360  
 attnncegtg cantnnanac atnctctnct ctgtttcaac tnnctctncc ntanccgnt 420  
 ttagnnnntnt gtntntgtga ncnacncngn ncgtatanaa ttntnccca ccacnnnant 480  
 gatnnanttt gttnnnnag tgnnggcta tcnttcggna tntacatat aaanannnta 540  
 tctcnnngnc gggacatnnc gncnttctg gntangnaga tnnnggtnt ntgnttgagt 600  
 annatggnt gnnnnntgga ntcnnngtt tantngcgt anannntaac tnacnttcan 660  
 tgnagattat anttcgctaa nanntntccn tancagtaga cgtcncctg gttgatacan 720  
 agtacntacg cgcncntca atgncntctg ctacacncan acttatgtat gtgtatanac 780  
 gacnatntan cgcgtacat ttnggcangt ncnagngnn tagtgccct ccnatntga 840  
 gncacacnc ctgtttgnta nateccagnc ntctatatnt gttatatngg ncagcngnga 900  
 tangtnatat nctnnnanca cccatcatnt antgatancg cagcgtcnn gngtatatn 960  
 gtactatncc canatntnct ttgattntcn cactgctcat gatgatnctc ttntattgtt 1020  
 tttgtgntan ncnegntcnt atagtegttn tntggagant tgnntngtgn atnannttnn 1080  
 cgcngnanan aatataatn gatgaaacc nacaganaca ncnatgtgn aacntntngg 1140  
 tgagnnnggt nttnnagtgt gtntcgacn tgggtntgag acgcnagcnc gcnntccgag 1200  
 agttatggta gttntaanna tatagtatn tgccgagnga nagagtnatg atantggngt 1260  
 cncatnnatc attntctgat acntntgntg tgntaccnac cnagttcgt tgnntnnang 1320  
 cgagtatacn tntactccga nacagngtat ntctggcna tanntgatan acnnnnncnt 1380  
 gcgtntnttt atacatnctc tntggnanag a 1411

<210> 2226  
 <211> 783  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)...(783)  
 <223> n = A,T,C or G

<400> 2226  
 nctnnntnaa aatccccac naccctgatt naaagtanga ccttcccata ngggcgctt 60  
 tgtgtgctaa aggaganca ggcaggtct nccactccta tctcctnngn aggccaccac 120  
 catcacatnt ataggaggaa caagancact gggggaactc tggagtatga gtaaggaaat 180  
 gcttctnacc ttntctgntc caaagagata tctgttanat cagggaacna gtcnctagg 240  
 tcaggcactt cctcctgacc agtgcaacgg gcactccagg ttanaaactg ngtgtgctc 300  
 ctctctgtca gttacttgtc taagggtctc tatagtggt catcaanctc tctggnctg 360  
 agttctgttt gngcttatng cagcagcatc tttacaacaa acagntcag taatcaacnt 420  
 gggaaggga aaagacnaca gtcaatntta cccctgtan agccgggag cntttacacc 480  
 tgnaatggc ttcttaactg atttctngcc gggccctca ccccatcca anntctgaan 540  
 cttgaacaaa tncacggc accagaagag gnggtctnnc tttgcaanct cccaanccct 600  
 tggacnaaaa aaanaaaanc tggagagcgt gagannngct tttacggcan ccnnngtngg 660

```

nccnccgnc caaacttggg tcnngncatt tatttttagg ntttccccca aatanntcnc 720
ttggagaatc cactntggan tttttnccct anntttctnt naaanaaaaa acccaggttc 780
cct 783

```

```

<210> 2227
<211> 829
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(829)
<223> n = A,T,C or G

```

```

<400> 2227
atgnnntnnn ttcgttnttc ctccacagtt tatgngtana nanattaata tttacntccc 60
atacatnaat gtntctatat gngtatgatg ngatccgata accnttatan tgtatccatc 120
ctcacancgc gatntanntn ttatnanggt cncnncgaa catgctncat agnnntatgt 180
ntataancnt tctnngtgat nagtggatng nctanggcnc ntgnacnanc gggnggggnag 240
ttttttgtat cnganataaa tatgcgacgt tcnntatatg tangtntaac atttgtgaac 300
gtanancntn taanacncta tngantctcn nnnncnatggn nncananntn ntaaccnatn 360
accctttctn tttcgnacat gtnnncgcat nnnntntnn accatnatn gnnanngaat 420
gnatgatntn ntnttncnnt nttnnngttt tcananactc anttatnca tngccnanna 480
ctcatntcnn tgtaaccnct attnncntcc nnantanncn tntctgatnc gagtnnnnnc 540
nntttnnntn gtttctggcc anncanncn tnnnnntga tanncgnnan nccaacgatg 600
nntnaagnta annnaataaa ancngctgcc tnttgntatt tntggaanan ttcnctntnt 660
ngnncnaatt gangnnnnnn agancgcgnn nnnagatnan tcgatttacc nttnccttna 720
natannannt tnnncannna nttggnctga nntgtgnaa anatgctnan acannnccna 780
tttacannnc tatnttacna cntannaann nangnancac nnnntnaan 829

```

```

<210> 2228
<211> 1341
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1341)
<223> n = A,T,C or G

```

```

<400> 2228
ntnnccnncan antttncenn annccntat tntntntga gncctnnctn ttnnncnate 60
nnacagttgn cnnantctna nagntntnc naattcntnn tctgctntan tggggggggg 120
nngngtanat aataattnta attngtaant ttnnatnttg nnacnncnng cnaaggttnc 180
nctcattngt nngtntnnt nngattngnt nntcanncc tttgtcatan ngtgactgcg 240
gggtgtncan tncnctegn tnatctggn ttttnannac tctngntngc tttgtnatc 300
tgntatgcan cntaggantn aggagtnacn tttntcnang tagatagntt ttnacntngt 360
catnnnnagt ngcttatnn gatgtnttan atcgctntcn tnanngaaan cctctnctg 420
aanagcttta tgcactnctc ttnanatntc ngntatttna aatcttgnt nantcncnan 480
gatcatgact ntcacgcgaa antatatgtc catactcata taanagatgt gtgacgtgcg 540
atnatactcc ntcgcgtgat gtttancac nacananaact ancncagcnt ntattnagcn 600
natatataag tagtatcanc catantatnn tgtttatntc natatnacna ataantanc 660
tntggaacn tnnngccaa atnnctntga tgnacnnc atgtaatatg tctnnntctn 720
nttcnnnacy tctttttata nnagtngn tncgantan tgtggnncta tnnacgnncg 780
anatatnnnc natgagntan cgtntntnta cgcacataca cnnnnanaat agagtcacnc 840
tgcnnntaca cntnngtnta cggatcctat nngcgagann ncangntan gannnecgtt 900

```

```

tncnnnttcg tnnntaacnt attgtangna gcnnntccatn nangatgata cancnttgta      960
tnannngnnt cgagtgtnnn tcntacaten agacgtntnt nanttagncn tctcnatntn      1020
gtacgncgcc gtntnattgn gacctctcna tctnngagnn ngctctccnc cgtagnnnat      1080
antatntana tttgcgtaca taatcttgn tactgntcta ncgcnnnntg accatatctt      1140
nngannatga gatgtggnac nntgttaacg acncgacgcn cntannagag nttgtnatna      1200
tagtanatng nttagtnnan anantatnna tgtaganact ncncaccnc catanatagt      1260
anatacgctc annattgtgt catcgtagca gaaatganag angttttttt nagacgatna      1320
nagtactcgg angnantgng g

```

```

<210> 2229
<211> 727
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(727)
<223> n = A,T,C or G

```

```

<400> 2229
accncgntcg antcggcacg aggcggactg gtatccgggg actgtgactt gcaggggtccg      60
ccatggagcc agagcagatg ctggaggac aaacgcaggt tgcagaaaat cctcactctg      120
agtacggtct cacagacaac gttgagagaa tagtagaaaa tgagaagatt aatgcagaaa      180
agtcacaaa gcagaaggta gatctccagt ctttgccaac tcgtgcctac ctggatcaga      240
cagttgtgcc tatcttatta cagggacttg ctgtgcttgc aaaggaaagc ttgcagtcag      300
atcaagaaac tgaatactgc cagcatctca gaagccatcc atgtgacccc ttcaagtcac      360
tattctttct gggaccacca aatcccattg aatttctagc atcttatctt ttaaaaaaca      420
aggcacagtt tgaagatcga aactgactta atgggaagaa cagaaaaatt tagttgctac      480
tgtagattta catgattaag aggcagcttt aattgccatg atcattccct ctttttggat      540
gtataagaac cttccggaca acagaaccta tttctggaat tgcagaagat aacatatctc      600
ccttattttg atttaatcac cataaaccat acctatttaa tgagtgtatt cttgngcaat      660
tttttcttca aaatggcttt accttggttt taaaatgacc ttcaaaataa ctgncnaaac      720
ancattt

```

```

<210> 2230
<211> 825
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(825)
<223> n = A,T,C or G

```

```

<400> 2230
accncgancg aatcggcacg aggcctaacct tacacacttg nctgtgect ttgttgcgt      60
atccctatgt aaataccttc tccaccttcc cattccttca tggatgactt cccagacctt      120
cccactcatc ttttgaatgt gtttattgct gacttggcaa tgcacaaaa tctttttttt      180
tttnggccnc aggtnttacn gntttacagg gggaatcccc cangaaancg taaaactntt      240
tgcaacttat gncacacctg tntttcaagg gcaaggatna ttngcggtta tagtttttnan      300
gccnnctaaa gtccttttna nggtcatatn catagcanaa nncncnggga taataattat      360
tnaaaaanga ctnananngg ncaaagtngn cncaggaaat tccnaaacnc ttaataaaaa      420
aactggaaaa ataaangttg gngannacct atnnaaccnc ttaaggnc cagtaattt      480
ttttttttcn cgggnttccc ccttccatgg ncttntnaaa ggaaccnngn gaaaaaggna      540
nccctcccnt tntnatttaa antaaaaaat tctttccctt ttggaaaaat tttaaacttt      600
nnatttcngg ggaangggna aggaaaaaaa aaaattttga aaanntgtcn anggtttnac      660

```

```

ccntccccctt ngggananca agattttttt cctttttttt gggaggggtct ttttanantt      720
taaccnnggg gccntnctaa anggacatng gggaaaancan acannggggtt ttccttgnc      780
aaaaaaaaanc cntnncnttt tttaaanttt ccgggggngg canaa                        825

```

```

<210> 2231
<211> 736
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(736)
<223> n = A,T,C or G

```

```

<400> 2231
nccccnccg attcgacga nctcantctc ttgacctcat gatccaccg ccttggcctc      60
ccaaagtgtc gngattacag gcatgagcca ctgtgcccac cccctccctt ccttggtttt      120
gtaaaataaa gtcagagaaa cttttccnnn tatagtcaac taatacacat tgatttgaag      180
gagtnnaaac tgagggaggt tacataaaat aacttctctg tgaagtatta gtganatgat      240
cangcctggg gtgggagctn gaagagagga gtggataaag cagtcaaggt caaacaggag      300
tgagacagng agcaggactg aaggcacang tgaagggtgaa gctgctcatg tnnTTTTTct      360
cccacagcaa cacgcatgta tatagctttg aagcangaac agaaaaaaa tagattactt      420
aggttgatcc acctgaacta agcagggtatt gnggncattc attgnggaga agcactncag      480
tganagaggt gagtanaat ggtgagctaa cccangagtc anagcntatg tgannctcgg      540
agagaactga acagntcana ggtcggttgc cngaaacnna ggaaanccgc aaggnaagct      600
gggagagcgg tcncatggna tttacnctac ncagggaagc naannnaanc agggccaggc      660
tangctnagt gggantcttc ttccacggtc catgncctgn nccatnttaa nggagntgca      720
angttcatta cgacga                                           736

```

```

<210> 2232
<211> 731
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(731)
<223> n = A,T,C or G

```

```

<400> 2232
accnccgctc gaattcggca cgagtgtgct gggagaaggg gagaaagttt gtgaagagga      60
gatcggtgac ctgggctcct tatgtgcctg aaagagtttg agtttctgt taactccaaa      120
tcaacagtat tttcaacaag aaatgtgcaa ttgaaatcaa gtgctgttta agtgcagcta      180
ggatttccac aggaagacac ttgcagtga cagagttatg gagcagcaaa aacacagatc      240
tatttgaaa aagagaaaac atatgcgttg tattttgctt caattatnaa ataccatcct      300
ctcaaagggt gttctaaatt acaaaggact ttgatttcta ggtagattct gggtagagac      360
ttcctttcat attgaggcat taatgacacc ttttaacctg ggaagcaata tgactggagt      420
tgtactttga gaagattaat caggtttggg tgcagaatga aagagaagat gaagtcaaga      480
gattggttta gaggtcttag cagaagctta gtentatttc aaaatgatca aatatcaaga      540
aaaattctga gctgcataac ttgtataaag taattttcag tgattttttt catgggtatg      600
ataaaagAAC tggattagca gaaactttta ccctgaatca agatttaatt tttcttttga      660
cctcatnta aggatatcng gacatnggga gcnaccgat gngngnctg cctcagngct      720
tgattttanc t                                           731

```

```

<210> 2233
<211> 840

```



<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(840)  
<223> n = A,T,C or G

<400> 2233  
 ttganccttt caactcengn nnttttgc an gannnnnnnn nnaggagtcg nnncgagggt 60  
 aaaaggtgga gaccatcatt gtggaatctt gtatttttcta ttaagggttn ttantccta 120  
 caaacttgaa cataaatttt taataatttg gaaggaacat tcactgaaga attgataata 180  
 nactaaaaaa tatagctgtt atcaattaat acatgatctg tccttgaaca catattcacc 240  
 attatgtaaa cctcacatta tttcagctta tttattccac agataccaat agacatgttt 300  
 tcacattgta gcatctccca aatcaaaaata cttctaaaaa ttggtagtat gtcggccggg 360  
 cgcagtggct cagcctgta atcccagcac ttgaggaggc caagggtggg ggatcacctg 420  
 aggccaggag ttcgagacta gcccggttaa catggtgaaa ccccatctct actaaaaata 480  
 aaaaattanc tgggcatagt ggcaggcatc ttgtaatccc agctncttgg gaggctgagg 540  
 cagganagtc cncctgaacc cagnagggtg gagtttgcng gtgancccaa gatcatgcca 600  
 ggcattccaa cccctggggtg acaagaagc naaaactntc aatctnnaaa aacctnanan 660  
 anctttcnnt nctncnnnnn aaaaaacnnc gaancccttn caaaaactta taggngannc 720  
 nncanttcnc cgttanaacc ccnnnctnga ctaagaattc cnctgnttg gantttnggn 780  
 accancccc nnccttgaan cgccnggcga aaaaaaactg cttttttcgg gnannnttn 840

<210> 2234  
<211> 728  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(728)  
<223> n = A,T,C or G

<400> 2234  
 acctcgattc gaagaaaang angaaacaca agaaagagaa gaagaagaaa gacaaagagc 60  
 acaggcggcc agctgaggcc acctcctctc ccacatctcc tgagaggccc aggcaccacc 120  
 accatgactc cgactccaac tccccctgct gtaagaggag gaagcgggga cacagtgggg 180  
 acaggaggag cccgtctcgc aggtggcatg acagaggctc tgaggcctga tggctggacc 240  
 ctgctcactg ctgttgtggg acctgaacc ctcccttcac cttgcttgcc tcctgcctcg 300  
 gaagtcctt gggtgtgggt gaagcccag gctgctcctg tggaaagtggc tctgggcacc 360  
 agcctgtggg gctaaagact tgacagctag ctctggagca gccggcttcc tggaaaacct 420  
 ccaggtttcg cataccagg atggcccctg gcttggcctg cgaagggtgaa cctgccagat 480  
 ttatcaagta gaggtggac tccctctgtg tcctgcccac gggtgcagca gccatggggc 540  
 tatgagcggg ctaactgtgg ccaagtatgg tgacctctat ttttctttat attgactctt 600  
 tgnatttcaa taaatatatt ttaaaannga anaaanntcc atcnaacccc cncnncccc 660  
 ccncnctca aanntttngg gggccttntt ccnnaaccc nnncttataa aanncnctt 720  
 nancntca 728

<210> 2235  
<211> 733  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature

&lt;222&gt; (1)... (733)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2235

```

accctcgntc ggtectcttc gtgggcctcc caaatgctgg gattacaggc gtgggctccc      60
gtgaccagcc tggaacgtgc tgatgagcct ctttttctcc tgaaaccccg gtgggaacag      120
atggtggatg cttccaaaag catcgaagct gtccatgagg acatccgcgt gctctctgag      180
gacgccatcc gcaactgccac agagaagccg ctgggggagc tatggaagtg acccaaggct      240
gcccactgga gacgcctctc cctgcagtcc cccgagaggt gggagactcg cgggaaggccc      300
cgccccagc  ggagtccaga ccccacaact tcaggagctc tttcccggca gcagagatct      360
gcaggctgcc tctttctgcc cggagctggg gtgcaactgg gacccccgtg gtggggacct      420
tggcagtgtg gacatgagca gagcgatgga gcagtctcct gccctctccc ctgtcctgat      480
ggcactctgt tgtattttct tactgaagtt cagtataaac tctgagcagt ttcattgtga      540
tcaactgtaaa tggtaatcag ttggaattct cctaataatg ttccagacac tagtaaaaaa      600
agantgaaaa aaaaaaaaaa aaaaacctcg gncctttaa aactntaggg ngtccttttc      660
cnaaacccca cncctgaaaa annccnttn gtgagtttgg gncnccccn accnttaaaa      720
acnnnccnnn nca

```

&lt;210&gt; 2236

&lt;211&gt; 823

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)... (823)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2236

```

ntttttgggg ggtgtttggg tacattagaa attactgctn ganaaaaaang gtcctngagt      60
gggttttttag gannaanccg tannctnanc gtgntncata tttcnngng ccctacacca      120
ncnctagtgg nattgtcact tcacccgntc ggataatcana acgtgttcag gaacactgaa      180
gttcatnaga gaaattcaca anctctacga annacngtn atttctttt cctgggctgn      240
ggntggactg tggatgacac cactttccag gcccttttct tggaggcngn caagcntaaa      300
tctgacctan aacatttcat gctgggttcg agaggagacg tanatgagtt caaaaaagct      360
ttgagaaaac atgctggata aggggattaa agtcatcttn tatggagatg actattgccc      420
gatcnttcan aatantttca agccgactga ccatgtgaga tntccacaag gngcacntt      480
atnggatggc gngagaaaang tcaantttaa tggtttatcc ngctngcaca cngtgaaat      540
naagaagntc gttntacant gaanccccc taaaannaaa tttnnnancc gnntantanc      600
cangtntgnt aagggtcnta ttacnngaaa tgtgtcttan acaaagnaan cnttaccnng      660
aaccnancn ncnatttccc caaaaaaggt gaanccaaat tnnctcccaa ggtttttaan      720
gggcnngnng tnccaaaaaa agggngggaa anngtntgca anangttant ncccttcat      780
tnacncntn gggttcnttn gaanattncc gggcncntn gnn

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&lt;210&gt; 2237

&lt;211&gt; 729

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)... (729)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2237

```

cnccccanct anctcntggg gggcttcaaa tttactttct cccctctgcc agtgtgcta      60

```

atggaacaaa	cagtaaactct	gtagtggctc	agataccacc	agcaacttct	aatggatcct	120
cttccaaaac	cacaaacttg	cctacgtcag	taacagccac	caagggaggt	ttggttggtc	180
tagtggatta	tccagatgat	gaagaggaag	atgaagaaga	agaatcgctc	cccaggaaaa	240
gacctcgtct	tggctcataa	aatatttatt	aggggaccct	caacatgtgg	tcttacaatg	300
ctgcaactgt	tcagtgaagt	gaaaatctga	atcagaaagc	tttctcaatt	gaacttataa	360
aatatacaag	gagtagcaaa	agacagnata	tcagctaaga	gagtttagtt	ctaataaaaa	420
tcaggcttcc	caggaaacttg	attgcttgct	agtaattaag	gggtttgcct	tttaggctgt	480
caaaacaaac	attagtaacc	agaacctggg	agatagcttc	ttcagcaagg	aaaagtcaca	540
ggtttgggga	cggtttacgg	gaggggaaaa	ggttgatata	ataatgccag	gttgctnctc	600
gggtgtcgat	ctagaaacaa	ttttacagaa	cttcagttgt	aactcaataa	ccttacttgn	660
ataatngggg	ctggccatgt	tgtggtttaa	tcagtggctc	ttttttaaag	aaattttttt	720
ggnaaacnt						729

&lt;210&gt; 2238

&lt;211&gt; 1200

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1200)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2238

aaggggaagag	gnnnnggggn	nnnanagncn	ggnancgcaa	gagaaaaana	aaaaanagn	60
gaaacgncna	cncaaaaanna	aaatgntggt	cgnggcnaaa	ncacccanac	gcnnnnacag	120
nnaccanaca	aangngccca	cgaggccgcy	gnggtttntt	acgnacncc	cgnaaaancn	180
cccaccnngc	ggcngcgnc	ngngncnacg	naannnaaga	gaaangggcc	gagaggaacc	240
ggtanggcna	cnaccnaana	agnacaggga	aaagngggca	cacnactccn	naccnggaaa	300
nannangcaa	nagngcncng	acgnncnnac	aanncaactc	agngaagcaa	ncnagncccc	360
gngacancan	aanaccnagc	ntncngagac	anancgggaa	ncaacggacn	ccnancnaac	420
caacaantga	ctagacangn	naaaaccena	ngnnngacnc	cgacnatcng	gnagcgcggy	480
atggennaca	nngaagtacc	gccancaaaa	atggannect	nacnngggcc	nggacgcaag	540
caggcgggaa	ngnntgngat	ananannnan	acannngcng	gnagggcaaa	agggcgcnna	600
tgganaaacc	ngangcccag	acanaccngc	annaccaggy	tcgnncnana	catnacggcc	660
anaacncnca	cggcggcacg	cnaaaaacga	nagncancna	cngcnngggg	agcacganca	720
gnctnnanga	nacngtgang	aanncaccac	accacnacct	naganncagc	ntancaggna	780
agancananc	cccccnncga	anagnccaag	gncacnncnc	gcncacaaca	ggcncgcggn	840
gcancngngn	anngangcca	aacganctnc	ccncacnac	cganaccgcg	cggtnnagga	900
nnanacncnn	atncgcaggc	aanaaaanat	aanngcanac	ccncccgant	nnngnanact	960
nnncncnaa	acanncgcn	cnccgagtcg	ncgtanagtc	ataacgcgcn	naggacgcnn	1020
acagaengac	atngtangcc	accccggnnn	cntgactang	cagacgaccc	nccnacnnac	1080
gcgcnnnnga	tatcnccgcc	nngcaaacgt	ccaacacccn	nccctnccan	cacgccngtg	1140
gnnncgcccc	accanaagac	cgncncnccc	annnancccn	ncgcgaaaca	cgagnggggn	1200

&lt;210&gt; 2239

&lt;211&gt; 735

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(735)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2239

ttaccncgnt	cctcagcagg	gagaaaagga	ggcagtgggc	acagccgtgg	actatggcta	60
cttcagattc	ttccaggacc	ggaggattgc	ccgctgcccc	ttccacacgc	tgatgccagc	120
agagcgcgag	acgttccttg	cgcggaagcg	gctcctggag	tacatgggct	tgcagctacg	180
gcaggctgtc	tttgccaagg	agagccagtg	ggaccccaag	tggctgtacc	tgtgcaagag	240
agaattccct	tcttcaagtt	ctgctaccag	tgtggccgct	ccatcggggt	ccgcctcttg	300
ccctgccctc	gctgctacgg	gatcctgacc	tgcagcaagt	actgcaagac	caaggcctgg	360
accgagtccc	acaagaagga	ctgcggggac	ctggtggcca	tctgacacac	actggagcaa	420
gtttccagga	ggagagaaga	attccagtga	agcagcagct	gcacgtccga	ggcttgggga	480
ggaccaggac	tgtgtgggtt	tcttacctgc	ctgaccacct	naaggaatct	tccacctaat	540
gcaagctttt	ttgcantctt	tggggtcatg	ctttttanca	agnntctccc	ttgcgaacct	600
nccnataaaa	tttgccccca	ccggggngga	tttttacaaa	aaaaaaaaaa	aaaaaaaaactn	660
cncccttta	aaantnttn	ggnggccttt	tccccnatt	ccccnccctt	taaaanaaanc	720
actnntgnnn	gnttn					735

&lt;210&gt; 2240

&lt;211&gt; 738

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)... (738)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2240

cacctcgntc	gaatcgggccg	aggtttagaa	actgattcta	gacatttaag	ttcccagact	60
aatgtcacag	aagctaata	attgcagagg	ttaattggaa	gcctgggtctt	aacactocca	120
ggttatctta	atgagttcat	gaggatggca	tatggataat	gcacttcaaa	gggtgttgta	180
agtattaact	aagttaatac	aggtcaaatg	catatattag	cactcaatgc	acggccattg	240
atcaataaat	gctagtgggt	ctgatcagtg	agaatctaac	ctctgcttaa	ataccttttag	300
tcatcagcag	cttcactccc	ctgagtaaca	tgttgcatct	cttgatcaat	tatatcttta	360
cagaattctt	cctttactga	agttgaaatc	gtctccttga	aatttctact	tggatggcc	420
tctctgtttg	ctacacaaat	aaatttaatc	ctaattttat	ctanccttatt	ttccaagcat	480
aaccacacca	atttcattaa	atgattcctc	atgttggeat	gacttaaaact	ccggtcacca	540
tcctatttgn	ttttcncaaa	gagcttccag	ttngactgct	nctgtgaaaa	tgtccatcta	600
ttaatggaaa	tggntttttc	taaaatttac	aagancttcc	ccgttgtatt	gnggtacaag	660
ggttaaaaan	agttttcttg	agaattcctt	tgactctntt	tncccaaag	ttnttgnngg	720
ggncccttct	cttttctc					738

&lt;210&gt; 2241

&lt;211&gt; 721

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)... (721)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2241

caccncgttc	gantcgggccg	aggatttcag	taagtaccaa	ctatgggtgct	aacgtgagtt	60
cgatacgaaa	aaagctgaga	ttcatctata	tccatttttag	aggaaagaag	tgctatgacc	120
tttccaaact	ttcattttct	tatcccaaag	tctcatctaa	acagatttta	ctactttatg	180
atctatgttt	aaagtccttg	ggataaaaag	aacaaaccca	agaatgagga	gtcttacttc	240
tacactttta	tgatttctta	tattggcatt	agacataaac	atgtctgaga	ggctgtctgg	300
tccaactgtc	tctggtcact	tcgatcttcc	aactgccaac	tcccaggcca	tgggatcact	360

```

tcctcctcta aattctacct actttttata ccattcaact ggaaatttac cccacacaag      420
atttttggca tccctcagat attgttatat aactggaaaa gggcaggaaa tgtggattat      480
aattttttgc aataccggga gtggcatata tggagctttg caccattgct gataattgat      540
acacatctga ttaatgtata aattaaccaa acagtactga ctctcaagtt ttcagaagtg      600
tangagtctc taaatgggtc tgaagatacc atagatgaaa ctttcattna cactgccaat      660
cgaaaaaaaa aagccattgc caacataatc caatttttcc tcaaaagatt ttggnaatth      720
n                                                                           721

```

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<210> 2242
<211> 743
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(743)
<223> n = A,T,C or G

```

```

<400> 2242
nccnccganc gnttacgtga ngnatnactt actgtggaat tgcattncaa actgggctga      60
gggtgggatgg tgggtggtaga taagaggcca gctctttatt tcaagccaat acatgttgca      120
ggctatggac acaaattcat atgaacctgt tagaatgcan aatagcccca tgttaaactg      180
taaacacctt atcntcatca ccattcatat aaattagttg atttcatatt ttgcgntgct      240
tttgtgaatg agaaaacctg atacttagca tcatcttccc taaatacagt cctgaccaan      300
caaataacag aaaagccttc tacagtanat attttgtttt ttagaatnta tcattnacnt      360
ntttaattta atgctncaan atagatnata cagtcnccn aatttgaang ncnaaacaat      420
gtaaaaanggt atatgcagag aagtccttatt cttaccatg ttggtaaatt atatatggn      480
gacccacact accccaccca ggtaactata tttattagtt ntcatttatt ccttcnngcg      540
gtttgtttat tgccaaattt tanntaaaag atnaatttnt ttgntcataa tntctgnctt      600
tttctttant agaaaggngag tatactattt acntcgggtc gcnntttttt ntctggtgnc      660
gnnggttnt tggttttgn cttttgncctt tttggagnaa gggantcttg gttttgtctt      720
tcagcctgga ctgcatggc ccc                                              743

```

```

<210> 2243
<211> 773
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(773)
<223> n = A,T,C or G

```

```

<400> 2243
accnecgnctc gantcgcacg anggatgctg agatgatagt ccttttgacc aggatgtctc      60
aagtatccaa gccanaaaat catctcttct aggetgaatc aagatggttt gcataagaga      120
ccatgcagat gcacgtctct gctatcttac attaaaaatg cagaatggct cacctgccct      180
ttgttgatcat atgttatata gaaaaaccta tttgcatgag aactgtcacc cacagtgttg      240
ggtaggggtca gtgtgtgcca ctgagcagga acgccgaggg ccataacctg tctaattgat      300
taaattctca ggaatcgga ttaaaagtta accagccagc atcctttgct ataaggttga      360
atggcgcaaa aggcaagatt gatgcaaagg tgcacagccc ctctggagcc gtggaggagt      420
gccacgtgtc tgagctggag ccaggtganc aggaagcctg ctgggggggtc ccagcaccag      480
cacttttcag canaatgttc ctgtaaatgt gtgtcccaag gggagggtcg atcaatttca      540
ttactggcag tgaagccttt gnaattccct tttntggtg ccanaatatt ngttattnaa      600
attaangggg ttnaaaacat ntgcccaagg ggataagggg anaaaccctt tttatgcctt      660
anggaaaaaa aaaggcccaa ttcccttctt ttcctttttn taaaacaaaa tggcnttggg      720

```

ctttgggtcc anctggccct ttaacccttg anaaggntcn aagncntnca nna 773

<210> 2244  
 <211> 722  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(722)  
 <223> n = A,T,C or G

<400> 2244  
 accncgntcg aattcggcac gaggtctgggt gcatgtgcta ccacacccaa ttatgaattt 60  
 catcattagt ttcttagtag agtccacatg tcctcagtag taagtccatc agtgctaaat 120  
 atttgaaggt atttctactg ttttgtaaaa gtaacttaag cctacctggt ctgctatctt 180  
 ttgagtattt atactttcta cgggcttgta ggtaaacata aaaagagaaa aaatatccca 240  
 ataatacagt ttttaacctt ttatgataaa gacatgctta gaattgctgt taagccttct 300  
 gagatttaac cactgaaact aagtaaaaga caaagcactt aggtaaagct tcattcagta 360  
 tccattcacc caatactggt ttgattctag ggcctaggaa aataggactg agcaaagccc 420  
 ttgtccagat ggaacttatg ttttagaggg gaaaacaaac cataaaaagg taaacagtat 480  
 aaaatcagga aaggataaat gtatatgaag aatcaaatg aggacngtga tgggggataa 540  
 gaaggggaang tttttgagga gagcagagca atgatgtaaa agccagacac acagataggg 600  
 gaatagcttt cctactaang ggatgggaaa taaaagctga gntttggctt gaggcctcca 660  
 acattganaa ttgctanaac tntgggaaca aggntanagn ggaaanattt tagccaagnt 720  
 cn 722

<210> 2245  
 <211> 746  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(746)  
 <223> n = A,T,C or G

<400> 2245  
 accncgntcg aattcggcac gaggggtggag ggaggcagcc ggcattggcat ggtgaggaag 60  
 ggccatggaa gaggacagaa cctgtccacg gactcaatgc tgaggaagga agacggagga 120  
 tgaggccagt cagggttttct gtggtggcag tgccttatgt ttttatcgaa gtgtatatct 180  
 acacagaaaa gcacatctcc caggatcctg agagagcttg aaccagacca ctgtggacac 240  
 ggtggccacc cgtcaccact acccttccca aggggagacg aggagcaagt aggcctgagg 300  
 gaaaagctgc acaggactcg tgtcttgaaa tgtctaagac gcatgtcaga aatgcaggta 360  
 aggggggggtg cgggtgctcg cacctgtgat ccagcactt tgggaggctg aggcaggagg 420  
 atcacttgag cccaggagtt caagactggc ctggacaata taacgaggcc tcatctctat 480  
 aaaaaaaatt aaaaattagc tgtgcccag gtgtgttggc tcacacctgt aatcctggca 540  
 ctttgggagg ccaangcagg tggatcacct gaggtcanga attcaagaac agccttgccc 600  
 aacatngaag aaactgcatt ttctactaaa aaataccaaa antagaccgg gcgttggtgg 660  
 tgcattgccct gtaatncaa ctctctaagg gaatcttgag gcaggganaa atcactttgg 720  
 aaccnngna ggccggnagg tttcnc 746

<210> 2246  
 <211> 844  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(844)  
 <223> n = A,T,C or G

<400> 2246

accnecgntcg aattcggcac gagagggact tcgttgtaat gggttttgct gtaagtctaa	60
tggcaagatc accattagca aatggaaatt acatttgaaa gccattaggc ctctagaact	120
atagtgaagtc gtattacgta gatccagaca tgataagata cattgatgag tttggacaaa	180
ccacaactng aatagtctgc ctcacnaagc cgctttctcg gcnactancn cgccgcncgc	240
cnangnnagn ntcccatnt nccccnngtt nccccattt ccctgaatta annncnattt	300
ncttatncag aattgcactt nnagnagcan nngganccnc nggcgtctnn ccngctacnt	360
ngtggannnc tgccnctctc cnaaacccgg ctttaccncc ccgnggcccc ctttcccttt	420
tctcntttac cngnnntccc ccnnctttga tngnancccc ttggtacntc nccaagntgt	480
tggncccnna ccaattggan ccncanngt cgcacennntn ncnctngcan tttttgaccc	540
acttctatt nnaacccac gttcccttnn tngncccccg cgananancc ccgctnneng	600
ggncattctt cccanggtt ggccnannaa aacccentnn gcccnntcg gcntggntn	660
cgcggtctaa ctntntcnn naatanntcc cctnttnngg ncancttgcc aancnctc	720
tccnttgcc nggttccatt tncnctcgg nnnnnatctc ccanacattt ggcnncntt	780
ctcngaanaag ctctcncaca ctctctacc gcctttaatc ncctanncaa cnnnagcccc	840
tnnt	844

<210> 2247  
 <211> 750  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(750)  
 <223> n = A,T,C or G

<400> 2247

accnncgntc gantcggcac gaggtccatt cttataaagg gaacttctag caaacctgcc	60
cagccctttc cctggaggga aacattatct gtattatcct aaagagcaaa caaatctgct	120
cttggttcca aatagagaca ctttatcttt caagacaatg cctatgcaaa tatcttagaa	180
aagatagtct aggagaaaca agctgccaca agaactgcaa aaatgcaaac agcctataaa	240
gaattgtctc ccaacatatt gatcttttat attattctct ttatgcgttg tcataaaaag	300
ttgagagact gcaatcctgc acctgaaatc ctcatttccc ttcttttcag tgttctttat	360
ctgatttttc aaaattcata tactatttgt acagtttcta ttgaacctca cctgaattcc	420
agttttatct actatgttaa atgattcatt caacagctat ttactgagta tatattgaag	480
agatagctga actcccatgt ttgttgacgc acaggctcatg atagccaaga tttggaagca	540
acctatgtgt ctatcagcag atgaatggat aaaaaaaatg ttgtacatat acacacaaag	600
gtacgattca gtggatcaaa atgaaatgga gatcttgtca tttgcaacca acataagaat	660
gggaatggga agtcattatg ttaaagngaa ataagccngg ccccagaaag gacaaaccat	720
tggcattaat tcttcncttt attcatnggg	750

<210> 2248  
 <211> 1400  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1400)  
 <223> n = A,T,C or G

&lt;400&gt; 2248

nnaaaaaaaa	aanccgnntt	gaatcgncna	aaaattaatg	gtttggnant	ngnagangan	60
taanngaatt	tacattttta	atcgtatngt	ttganatggg	ttaannnggc	gggggaagna	120
tatngnntaa	ttggaggatc	ccnaccaaac	actnttcgng	atgtaagggg	ngttgagaaa	180
atactantga	natggntanc	tataacgaaa	catacattca	tccncctat	ctgttgtnan	240
tatagtaaca	tgnanatac	atangggggg	gggggggggg	agttntctnt	ntnntcgann	300
ctnaataggt	tcgtacgntt	ntagtggtnt	ccatatacnt	gcanaanatna	tcnttngtga	360
nntatgtncg	ngnaccatat	aagtnacatn	tcnntcacga	ntattattng	agngtccncn	420
nattacttan	gcgcnnnnac	cnngnncnnt	agtaaatacna	nacacannng	cgtgcncnan	480
ngtnannnaa	atgtagnnnc	gtgtgaantn	ncgccnanga	aannaggnnn	nantannnt	540
atnnananan	nnanngntat	tgatgngatg	attannattt	antcnaantn	cacgnnnatt	600
ntntangnnn	ncnnntgnng	ttnncatnnn	cccaccncng	ntgannnnaa	gnnngnacat	660
ngccnatgtn	nnttcnangt	ngangataat	natngcncnc	ncnnaattan	nngntgacnn	720
cnancccnac	ctgttttncn	cgaagtgcg	annnatatnn	accncnnttt	tatacancat	780
ngcccnnnnt	tgcccnagta	tnanantatn	canntgntgn	ggatgngngg	annatgccnn	840
tnnttaggcn	nntatnnmtn	nntnaantnt	atncggnaca	cnnacgcatt	tnatatncn	900
angtncnctn	nmatatgnna	taagantgnc	atntngtatc	nntgnctaaa	tatacgacca	960
gcantnttg	tctntntcac	tnacatntat	catagacgat	gnntnntnaa	tatnggcntc	1020
tatgantatn	ncnggcnnnn	catatatatt	attgatcgcg	ntccnntctc	nnagatatct	1080
atcgcgagnt	caccagtgtc	tncnngaana	ttacatgcnc	ncgncntcgt	ntannagttt	1140
atgcgtntat	gtgagncgtn	cgacctcncg	tgcnatntan	nganagancg	ntagtctnan	1200
tatgtagtca	nagtatatat	cgtcgagnta	ggagcggaat	atatgtanan	anacgctntn	1260
tataggaann	tcggtatncn	ncntnanatn	tcnacaacnn	acaanttnct	aangnatatt	1320
ctttcatgat	aatctnga	cgtaaattat	nntannannng	nacancacta	aatgatanta	1380
ngatnaannn	cgtaccnagn					1400

&lt;210&gt; 2249

&lt;211&gt; 1045

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1045)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2249

gggggggggt	gntanacgan	acgagcaagt	cnctaattnt	tttttnaccn	nntnantatt	60
atcacnntnc	cnttgntntaa	gaaaatntan	tantcaaach	ttttctncan	cancgggtta	120
tagccntctt	tatnnggggt	nntcttnttg	caccnataaa	acangctttt	ttgtccanta	180
antttttttt	gtggngcnc	ttacngcggn	ctgtnttggn	ccccanttan	angncccnnc	240
cggggtatnn	attatnanan	tantncnttt	ttttngaana	tcnctatnn	gnnaaagaga	300
aagncntnat	tatctannan	anggnccgng	ganaacaaan	nggatgcnan	attttgnnct	360
tnatttggtt	tnngnngent	tannntcggn	nanagtgggc	ccgcnataac	aagntatcan	420
aatgcccccg	gaaccctnnn	tangtnntnt	tnataaagan	aatnngtccc	ncccgaaaaa	480
anaatacana	ntttgtgcct	gagagggnta	aattaaacn	ctcatcnttt	catacttaan	540
caaanatant	attcnnntaa	tnntntgcng	ccgggcnnnt	ntataaatna	nttttcacnc	600
acanactggt	gcggggcgca	acaacannng	ggnancccac	tcnttattna	atcgntccat	660
ggganttggt	naaaantttt	anttgcgtna	cataataaaa	agtgnctata	taatganncg	720
ctantgatag	aatccggcg	gntttcaata	ntatatggtt	gccgatgttn	cnaaaanata	780
tngagaagna	tnacnaggn	gtgggccnn	naaaaggggt	nttanannna	tantcttgtt	840
caccnnatat	nttcnncctg	gannaaaatt	attcnatngg	gcatacnntc	gtttatacnc	900
cactgggggt	naaaagaaaa	atanttgacg	ntngtanngg	gccaaaaacn	agagnntntt	960
tnnggggggg	gggaangtgg	gcataanaa	acnaattttt	ttcttttgtt	ctnnacccaa	1020
anatacnggg	gggtnttaaa	nnnat				1045



<210> 2250  
 <211> 735  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(735)  
 <223> n = A,T,C or G

<400> 2250  
 accnncgntc gantcggcac gagatcatgc tgctagtgtt cccgctacta gtgctccggt 60  
 agtttttaaat catgtttccaa cttgaatttg aggtcttttg actttcgttg gctttttgtc 120  
 agggaaaaaa acctgttagg gacagggttt cacaattcct tttatatttc cattcacatg 180  
 tatttacaaa cgtgtgcctg gagtagtaag tacacaataa gtgagtttcc agctgttttt 240  
 gtttcggaaa caaaaaaac aaaacaaaac aaaacaaaa aacaacggaa ggtgaatgga 300  
 attgtgtttg taacattaaa ctgatgtttg aaaagtagtt gggaaaaaaa gcttaggtac 360  
 taaggagggt tcaccaact tttttttaa cgaaggacgt gttgccttag ttcaagtttg 420  
 tataagggtc tatttaatat gtattgaaga cttactaga gcttacttat gaaaactgaa 480  
 aataggggcc ggggtgcgtt acgcctgtga tccagcattt taggaggttg aggcgggttg 540  
 atcacagggt caggagttcg agaccagcct gtccaatatg gtgaaaccag gtctctactg 600  
 aaaatccaaa aattaaacgg gcgtaatggc angcgcctgt aattcccact taatcnggga 660  
 ngctgangca acaanaaatc gctttgaacc cnggaggean aaggttncat gggcccnatt 720  
 ttggcccttg canna 735

<210> 2251  
 <211> 1047  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1047)  
 <223> n = A,T,C or G

<400> 2251  
 ttttttttn gaattntggn gnggntctnt aatnncccng gcgtnnncgg cnagnnaact 60  
 tgtataccan cnnnttttnc ntcttntatg tncgtntntt gttngaancc tgcanattgc 120  
 tngggggtna cttnttnant aaataaacnc ctttaccatg gatttccntn atantnnntt 180  
 tngngtcana ttagcnnatt cncncnnacn cctntttann tncgggctnn gtattnttan 240  
 antnnngtng gngnggttaa aaataanatg acgggntttt ntcctanttt annngtantg 300  
 tanngngccg tgnccancntt ntttatcnna ntttgnntcn tttttatanc ccnnttctcn 360  
 natgnagnat attggccanc gaaatttaan cctcttntta tntanccnnc nttnttatat 420  
 aaattggntt ttttataatn ntttanaagt nancntngng gtttataatn ntgttanaaa 480  
 ngnggnnttt natnttaann caacggcctg ttcncgnngn ggttnagcnc caanttnann 540  
 nttcnnnttn gtatatntan nnttatattg ttnannccca cctgcacccct tttatacnca 600  
 tcnntttata gnntgcnnat atanggctat tagagcacgt nnatntagtt tnttncnnc 660  
 canccattnt tntcccgctn gtnttgnnnc tnaccgcntn atgttntncc cntcattant 720  
 antncccnnt cnttgtattt ngntnnnat tnatnttant cgtggcnena ttgttactnt 780  
 gtgnggntaa naanaggntc tntntgggtt ggatanntaa agncaggcac aaatgnataa 840  
 nttntgggnn tgtgnaattt atnttttcng gggggcctta tngntcttn gattntgcgt 900  
 nccccctttn nttaaaccgg ngggggnggg aaaaaaactt nttagnntn caangtnann 960  
 aantntctng gnaacnaaaa gnaaattnng naaatttttt tngngnntaa aaactggcaa 1020  
 tttnggnatt tnnannantg aggctan 1047

<210> 2252

<211> 719  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)...(719)  
 <223> n = A,T,C or G

<400> 2252  
 acctcgntcg ttttagtcca gtggcttgta attaagtcac ttttagtctt taattatgtt 60  
 ggttgctttt agaattctct ttttagagtg gtctacatcc ttttaaaaca tgggcaatcc 120  
 aaatttataa cagtaaatta agatacataa aaaaaaacac tggctaaatt taaaaggaaa 180  
 cacttctaga atatactgta ttttgacaca agaccagact gtgctatgtg tatgtgggtg 240  
 ttcaagtaat ttaagaaaac tgttggaatt ttctgtattt ccagtttcac aagaaacaac 300  
 ctcaaggagg gcagtttaac tgaaaattca gaggtattat agctctgaag aaaaatactg 360  
 atgagcagtt atacaaaatg agaaattgag ttctaagaaa tgcattcccta acttcaacat 420  
 aaagatagct atgagaaaac attctttgtc ccaaccataa atgaataaaa atcacctcat 480  
 ttctcatcag atgtttactg ggttgctagt tatatataga atcctgcaag aagctcaaca 540  
 gggaagtcca aagagtcaat caagaaggta tgataatggc taaagatggg gactgnangt 600  
 caatgctcca cgaagtcttc ttttgtgccc aatatagctg cactggtatc ccatatgggt 660  
 acaatccagc ctcanaaaat gtgcagatgc cctcccagaa gntgagaccc agttctcat 719

<210> 2253  
 <211> 738  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(738)  
 <223> n = A,T,C or G

<400> 2253  
 cnaccncgnt cgctttttag taacacaaag ttccaagtat gttacctagt ttacagagtg 60  
 gtactcaaga agagaattaa cattcttact gtaaaacttc attgataaca atagtctact 120  
 tctagaaca gaaataagaa ttaaaaacag tgctatctat ttgtactggg gagtgaattt 180  
 taacttttaa gaaaatttta atgtttaaga agaacttcag tgtatggagt tacaagctat 240  
 cctgaatatt ttataatag aaagtattag ttttccaggt gtggcagctt cttaataaaa 300  
 gaaattattc ccttaaattt gttctttctc taattagagc agtgtaaagt accatgcaga 360  
 agtttcagga tctcatataa ccaagtaaag aggggtttta tccccctacc cagaagggtcc 420  
 catgtagata atgaaagatt gtatttgcca ttctgtgaaa attgctttta gcccatcaaa 480  
 tgcntaccct gctttttaat cttaacagcc tccacttata ttttaaaaac ccattecttt 540  
 ctttctttcc ttcttttttc tggagacaan ggcttgctct gtgggcccac ctngagtgc 600  
 ntggnggcca tnaaactna ctggnagnct cnanctngtn gnggttaagt ggatccttcc 660  
 gaccctcagc cnnctngagt anctggggac tacnaggngg ggcnaaaat gcaacctggg 720  
 gttgggtngg tttggtta 738

<210> 2254  
 <211> 752  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(752)

<223> n = A,T,C or G

<400> 2254

gacctcgntc	tccgccccac	ctggtgaacg	ggccccggcca	ccaccacccat	ccactctgct	60
gcgccacat	aacccacctg	gcccagtagc	catggccct	cgaccccgag	ttcgggccca	120
gccttctgga	cccagccagc	cccacgtgtg	tggttctgt	gggaaggagt	tccccggag	180
ctcagatctg	gtcaaacaca	ggcgtacaca	cacgggggag	aagccataca	agtgtgcaga	240
gtgtggcaag	ggttttggtg	acagtctgc	ccgcataag	caccagcgtg	ggcacctggt	300
cctgacgcc	tttgggatag	gggatggtag	ggcaaggccc	ctcaagcagg	aggcagcaac	360
aggactggaa	tgacgcggtc	cagggagggc	ggaggcccag	gagaccaaag	ggaggggctc	420
tgccgcttag	cagagaagaa	agggcctggg	aggtggtggg	aggganaaag	aaaggaanaa	480
nggggaggaa	gaatanatan	aaatanggat	tggagacagt	aaccctttaa	agctcaagaa	540
acttgtcctt	gcttgggctt	gagttaagga	ccttngcaag	gaccggcntt	tacccttgg	600
cttcttnaaa	nactnnctaa	ccacacaatn	aggcatttca	attactttgt	tgaataaaaat	660
aaaacttggc	ttttccctt	ncnnacaaan	annttntctc	tncnntncnc	ccnccnnnnn	720
ccccannctc	cccccccttn	aaaaanttta	na			752

<210> 2255

<211> 1369

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1369)

<223> n = A,T,C or G

<400> 2255

atTTTTtTcn	ctnataaaat	cgagtgnaat	acttgtnaan	cctttatant	nantttatcn	60
nctgacgncc	gcgccttgcg	tatatatttn	tgatgatgag	atggacttga	ttggagntgc	120
atgtatanct	nctctctntc	attantnttn	ancacacanc	ggtgtgtgta	nttnnnntgn	180
gnatctntgn	tnntggngng	gggggnaatt	gtntttanca	gtaatannan	tnntagttgt	240
cnntcacact	tagngtgacg	antatatnt	atntatanna	cagcnntnt	tgngcnactt	300
angccncann	ncantnngnt	gncccnannc	nagttnttan	tacatcacca	ccataangcg	360
gntnannnaa	natnccnctg	ngcancntnt	attacnntag	tnantgccc	ngtncnntat	420
nannnacnnn	atcgtgnann	nttaanncn	gttttatata	cntcnctanc	natgtngnnn	480
tatngtgacn	ncncattnnn	ngnncttann	ggaaantnnn	tnntataacag	tgncnngcnt	540
nnnnncnnnt	ntgaacatat	anntngngct	atatanccnc	cnnntcnna	tnntgtngn	600
tgtancannn	antanatnt	aatacgacnc	tcnaccgaac	ngnagtggag	anaagctang	660
anannngta	nttgatataca	nnctannan	tgangactna	tttnactagn	atnattnnct	720
nnncttatct	nntganatnt	ccncacnctg	nantaattan	caaacnctgn	ntgtgnanca	780
ntnngatnnt	gnagaggnt	ncgncngtn	aacnanncna	tatncccc	tnnttnanta	840
ccnntgcgtt	ngagngtngt	tngttnacn	accnccgatt	ntganacng	nggactgatt.	900
agtggngaca	cacanagagn	atanntntct	nngcantaca	aancgcgtta	atntctcacg	960
ncgncnaacn	cgtgatcgag	tgtnacgant	agaccgtntg	tgctnaancg	agtngatgc	1020
ggtnactca	tangtntntc	ngatgacatn	ttgtgcnaaa	tggagttgag	ccatatgtaa	1080
natntaacca	cgccccnatg	ggtaaaagga	atngnnntnt	cnnccgngta	ggattgnact	1140
cgccatcgaa	gntatntgac	atcgtgtntg	tnacnanatn	ntcatcngat	attagacgct	1200
nmatcancgn	ngggaaacgn	ngacnanann	acgaanaana	tnccccctn	gagtatngnc	1260
cgtaaagacg	tatatntgac	cgnacntnan	gggnagcatt	tgtatacann	tnccccncn	1320
acacatangg	cgctntgtat	tatanntagc	tnanacnng	taatagcgg		1369

<210> 2256

<211> 908

<212> DNA

<213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(908)  
 <223> n = A,T,C or G

<400> 2256  
 nctaactcctt tagnaactnct tgttcttttt gcaggatccc tnnnnncnaa ttnnnnnntn 60  
 tgagccatgc gagcagctcg tttttttgga gaaagaactg taacagaact gatttttcng 120  
 caccagaacc ctcagcagtt gtctgccaat ctatgggccc ctgacagggc tcgaggatgc 180  
 cagtttttag ggccagctat gcaagaagag gcctngaagc tgggtgttact ggcattagaa 240  
 natggnctcg ccctcncaag gaaagntctg gtactnttng ttgtgcanag actagaacca 300  
 agatttncct caggcatcaa aaacaagtat tggncatgtn gtgcaaccac tgtatcganc 360  
 ttctttgttt taaggttacc aaaaanagat gaanactctt ccctaattgca gctgaaggag 420  
 gaatttcnga gttaatgang cattacgcan agaacatgat gcccaaattg ttcattattgg 480  
 ccatgngaag cngggactcc cgtattttca ccctgaacag cgggtccttc tcnttttgta 540  
 tggggggacnt tgnnctcata aaatcacaca atngccgctt ttatcattgc ataaanggtt 600  
 tgtgaaaatt tagaagaagn ccngaagggt cctatcattc ggcntggtna cnattcgaaa 660  
 gaagtaatta ananatattt cntanaagna agttcttatt accnccaaa nccagctcgg 720  
 gaagaanttc cctnatgntt tttttaaaaa tgncnannaa cttctnttat tnaaatataa 780  
 tcccnntant ctcctctctt taatttttnc tacccttggc caaaaaatta aaanggggnt 840  
 ggccaacngg ggggaaccca nnntnntnân acaaaanac nnnttnattc ctccaccctt 900  
 tttaaaaa 908

<210> 2257  
 <211> 757  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(757)  
 <223> n = A,T,C or G

<400> 2257  
 ttanncnnnn ctngctngc tgcctgcagg ncgactntnn angatnnnnn nnnnccgagc 60  
 tcgaattcgc cctatagtga gtcgtattac aattcactgg cccgtcgttt tacaacgtcg 120  
 tgactgggaa aaccctggcg ttacccaact taatcgctt gcagcacatc cccctttcgc 180  
 cagctggcgt aatagcgaag aggcccgcac cgategcctt tccaacagt tgcgcagcct 240  
 gaatggcgaa tggacgcgcc ctgtagcggc gcattaagcg cggcgggtgt ggtggttacg 300  
 cgcagcgtga ccgtacact tgccagcgcc ctacgcgcc ctcctttcgc tttcttccct 360  
 tcctttctcg ccacgttcgc cggttttccc cgtcaagctc taaatcgggg gctcccttta 420  
 gggttccgat ttaatgcttt acggcacctc gaccccaaaa aacttgatta ggtgatggt 480  
 cacgtagtgg gccatcgctt gatagacggt ttctgccttt gacgttggag tccacgttct 540  
 ttaatagtgg actcttggtc caaactggaa caacactcaa cctatctcgg ctattctttt 600  
 gatttataag ggattttgccc ganttcggct attggttaaa aatgactgat taacaaaatt 660  
 aacgcgaatt tacaaatatn acgcttacia ttntctgatgc ggatttctcc taccattgnc 720  
 ggattttacac ggantgggca ctctaataca attgntn 757

<210> 2258  
 <211> 794  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(794)

<223> n = A,T,C or G

<400> 2258

ctgatnctat	cagctcttgt	tcttttttgc	ngannnnntnn	nntcgccctn	nnaaactgaa	60
gaaaattcta	aacgaaatgg	caaaaagaaa	attcattttt	ttctctctgc	tctgaagaac	120
ccttggtata	acgtgtttat	agcatctttg	gtagatggag	agagatcttt	tatgacaaag	180
agtgtgatac	aattttttta	atgcatatag	ggcattgttc	ttcctagagc	atatttcat	240
aaattatctc	atcttgaaaa	cacaacaacc	ttatacttgt	gtctgcatc	gcttgtgcat	300
tttaaaggtc	ggaagaaatt	gaatcttttc	aagagtcttt	ctgagaagtc	agtaactttc	360
agaatacatg	tcttaccttt	aaagatgatg	ttacggatgg	taacgtgtga	ggcttcattg	420
tgaaatttaa	ttgtgataaa	ccagttaa	ttccttcagc	atctctttca	gggtacctg	480
aaagagccat	gagtaggctc	ttgatctgat	gcagtgtaca	gtttttaatc	caagggttat	540
atcaataatc	cagcatatgt	ttaatgaata	aatctatgtt	ccactgggtg	ggacacctgg	600
ctctgtgtgg	tcattttatt	tagactttac	cagcccgtga	gaaaattcat	gtctatgtct	660
caggacaaga	tgtgtaata	aaagtaggaa	cctgtgctga	gaataagaat	acnagggtcta	720
aaaatgttta	tttttgaatg	gaagagaaga	atccaaatgt	aatttggatg	ggccnaggca	780
ccgngggtc	ncan					794

<210> 2259

<211> 1048

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1048)

<223> n = A,T,C or G

<400> 2259

cgttgatcct	ttcaagctcn	ngttcttttt	gcaggatccc	tcgattcccc	ctaccgaacn	60
ggaaaaaat	ctnaaccnna	nggggcatan	aaaaancnnn	tttttnncnc	ncngctgnn	120
aaancccntg	ggntaaccgn	gtntatccnt	ntngggngnn	gggaaanana	cttttgcca	180
ananggggga	ccantttttt	natgncntnt	ngggcntgg	cctccctaaa	ccntntccn	240
taattnatct	cnttnggaaa	ccnaccacc	cttntcctgg	ggtcngcatc	ccctggacca	300
tttnaagggc	cgggaagaaa	attgganncn	nnnnacncag	cctttctgg	naagtcnngt	360
aaccttttca	agaaatccat	ggtcttancc	tttaaaagga	atgaatgggt	tncnggatgg	420
gnaaaccggt	ggtggaagg	cctttcattt	nggggaaaaa	atttaaaatt	tggnggaatn	480
aaaaaccccg	ggttttnaaa	attttncccc	tttcangcca	nttctctctt	tttccaagg	540
ggcccttanc	cccttgagg	aaaaggga	gcccccttg	gganggttta	gggggccctt	600
cctttggggn	aancntngg	gaatggncn	aagtngggta	aacccaagg	ntttttttt	660
naaaaatncc	cccaanggg	gggtttttan	ttatttccn	aattnaaaat	ttccccccag	720
ncccatatat	tnggtttttt	aaaaanggg	aaaatnaaaa	aattccttat	tggggnntnc	780
ccccctggg	gttnggggg	ggganccnc	ccctngggc	cttccttgg	ngggngggg	840
gccaattttt	ttttaanttt	taagnaccct	tttttacc	nagcccccg	nggaagnaaa	900
aaaaaatccc	aangggcct	taattggg	ctnccangg	aaccaaagg	aatggnggt	960
tnaaattccc	aaaaaggtta	aggggaagc	cttggnggn	cccttggng	gaaaattaaa	1020
ggaaanttec	ccgggtct	ttaaaaan				1048

<210> 2260

<211> 978

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(978)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2260

ntntnatect	ttgcaacnct	ggctcttttt	gcnggatccc	atccgatten	aattcggcac	60
gaggcacctg	tagtcccanc	tactnttttn	gttgaggcaa	gaaaaataan	ttgaaccacag	120
aaggcnaagg	ttgaantgac	tngatntnac	cccaatggca	nttancagcc	tgggncanaa	180
aggaancgna	aattttgcta	aaaaaaaaa	aatnaatngg	gctttctttc	antcctcttg	240
gattcacatt	ctcttnggta	aaaaaagctt	taaancntct	ttttccgggg	gttcccgggg	300
tttggggccc	gttccccggg	gggaaatttc	ttggggtnng	gnncttgccc	ttgggggggt	360
cttcttgagg	aaaatggttg	gcnttgcnng	nccagnngnn	ncnctanaaa	acccctggaa	420
caattgccaa	gttttttccc	cntngccttg	aanggggggc	ccccttaang	ggggangttc	480
aacaacccaa	aagggggtcc	ccccaacgaa	ngaaaaaagt	tttggtgggc	caattneccc	540
ccgggggggg	ccccgggaaa	aaaaaaaaanc	ccccccggtg	gtcttttctt	ggaagggaag	600
tttccgtnc	cttttgtngt	ncctcccttg	caaaaacatt	ttnttctttt	gccgnaacct	660
ttttgncctt	tccaaaccaa	ttggtaatg	gtaacctttt	tcccttgcca	agccctggta	720
aaaaaacgcc	ctctttaacc	nggtttaaan	tnattgttg	tttccgcttt	tgcttnaaan	780
naantattaa	accatnnngc	ccaggcccca	aggttggggg	caaccncctt	gttaatncca	840
aacanttttt	gggaaggcct	naaaggtngg	gaangaatca	actttggggn	cccaaggggg	900
ttgcaaagaa	acaanccttg	ggcnaacaat	taaccgaaga	acccccattg	tnntaaaaaa	960
aattnttttt	aaatttan					978

&lt;210&gt; 2261

&lt;211&gt; 906

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (906)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2261

ncnaaacctt	tgnaactncn	tgntcttttt	gcaggatnnn	ntnnnnnang	aantcgnnnn	60
cgaggctgct	caaggattgc	agggatttnt	gcaagtggaa	cagccctcgg	naacctccnn	120
ttttngcac	gctccaggtc	ccagtttcta	tggcaacccat	accggcaa	at tgggtccgc	180
aatggttctt	cctggaaaaa	ccgcgatttt	ggttcccgcg	gacgtctcta	tggnttcgac	240
agccnaaaan	gaacaaaacg	gcatttccgg	gaagatggcg	gngcacaagt	caggtccggc	300
acatgtttcc	ncggagcgga	cccagcaatg	acggtaaggg	gtcccttccc	cccgaacggg	360
ggnagtcgga	gcccgggctt	attagcaaac	cgtgaganga	gcagagtatt	nttaccacac	420
cggcactggg	gtagganggc	tggaaatttag	ccctcaana	gcaaggaa	ccnaggaaagg	480
gcaancccg	ctcttttang	actcgtctgn	aanacgaann	tgnaacctgg	gccaccttct	540
gaaaaacanc	agattgnact	gnncaagggg	gaccagtgcc	ccgaaactgt	gaantcacna	600
nggtttcaan	aaaagacctg	ggggccgcca	caagcnnntn	tttncccaaa	gtttatcccn	660
ccngaaaaaa	attccccgnt	aaaaaggccc	atttcnctta	aanctatatg	ccccaanctc	720
anncttttaa	acaanaanan	aaccaaattg	ganatnggtt	tttccctggaa	ctttctgggc	780
cccccgctt	accgtgcctt	cgggantggg	gcgggaaata	aaaaaccggg	gcctcttnaa	840
actttcaang	ggcaatggtn	anatttccaa	attnaatgcc	aaaaaagggn	ttnnngcccg	900
ccttttc						906

&lt;210&gt; 2262

&lt;211&gt; 808

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(808)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2262

acccatnnnn	ncgnnaannn	nnnnacaaaa	ggaaancnct	aagccatttt	ctctgccctc	60
tagaagctta	taatgtactt	tcctatnaca	nagcnnaata	aaaacatgaa	acctataaat	120
gggaatgcca	taaagtattt	tnatctctac	aggncatcc	atgcagaggg	catntattgg	180
gtgactgcag	tactgcaaaa	ggttgcaaa	gaaatggaag	atctgggtcc	tgtaggttgg	240
gagtttaca	tctaattaga	aatacaaggc	atatataaccg	ngaaaaaact	agaatcccca	300
gctgtaagca	aaaggatgga	gtaggtggga	gcattttttt	cataaagaga	gcnttgctct	360
gnatgattgg	tgaggacagg	anaagcaagt	tcagtaccaa	tcaaggcaag	agcacctata	420
tgtatccctg	ctctatagaa	tgatgtaaca	nggccctcat	tgtcacttgg	ctgaaagtgt	480
cagctctgcc	accttaca	cctgggtttt	aacctgnggc	acatttttaa	cctaagaaag	540
ggaatacagg	tttgntccg	tgaaggnggt	tggncnagtt	ccaaatgaaa	attaccaaac	600
cgtgaaaacc	tcggtgaaag	cttcaaatga	atgtccnatn	ccatnggagt	ccctcaattg	660
taccaaactg	gcccctttct	gggtaancct	tnaaagtcc	cttccccaag	cctntaaacc	720
tggnaaaaaag	ggcanggacc	caaggccccc	attggnatcc	ntcaatgttt	cncnaacngn	780
ttaacaaaaa	ggngttcnnt	ntnggggn				808

&lt;210&gt; 2263

&lt;211&gt; 976

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(976)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2263

gncnntttga	aacnntttnc	aactnctg	tcttttgeng	gatccccna	tnccntttcg	60
mntanngggg	gggaacctan	ntggctcccc	cncggcttt	nttttccent	natggancaa	120
ttggaaggaa	accnnttacc	mntnttccna	agggccagc	aacctgnanc	cctntcatgc	180
ctnaatggte	tgggtttttg	ccccnaccng	anangttttt	ccngcagaaa	agaaccntt	240
ggggagccan	cattagcccc	aangatggac	caaaaccacc	tggggcctgc	ccttggnctc	300
ttgccccctc	ccttgcttta	ctncattatt	gccaaaaaac	cccaantggg	cccatttgtn	360
gncnccntna	nattnccaaa	cctaccccag	ggggagcmtt	gncctggcca	nngcnnnnnn	420
ngnttttant	aaaaaacccc	aaagtgnctt	tnccnccngg	gaaaaaaaat	cttgtggggc	480
tttggggccc	canagangaa	acccaagtgg	ggaanaaatg	gtgggggttn	tnccctgtgg	540
gggggatntc	ggagcactcc	caagtcccc	aattgcccc	agteccccct	cttcttttca	600
ngtgggggaag	ctcacttgte	tttccccagc	agccacctgn	ccttcttctt	tcttctaacc	660
attccctctt	tctttgcttc	tttccgcccc	ggttccttca	cttaagccc	ttttatttgg	720
ggggtccatt	caagcttnnc	cancnccntg	ggccttccca	agtcatttcg	ttnccacacn	780
tagggggatt	ccaaccccna	accgggtttc	ccattgcccc	gcnttcgccc	nccaannttt	840
tcaaggtnc	ccnaggcccc	gattcnangg	acccancca	angccactn	gggcccttac	900
cagnngcccc	tttccattnc	ccngggggan	ttttaattcc	ccccccccct	tcnntaagga	960
nccacctctt	ngcccc					976

&lt;210&gt; 2264

&lt;211&gt; 755

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(755)

<223> n = A,T,C or G

<400> 2264

ncgagatann nnaggaccta gaggttccc accagcacag tagccctaag gagcaattga	60
agaaaccagt aaccgtgtcc aaaggcacag caactgagcc tctcatgcta atgtctgtgt	120
tttgccaaac agagagtttt ccagcagaaa gaacccatgg gagcaacata gccaatatga	180
caaacactgg gctgcctggg cctgccactc ctgttactc atatgcaaaa accaatggcc	240
attgtgaccc agagatacaa actaccaggg agctgactgc aggcaacaat gtagaaaacc	300
aagtgcctcc acgggaaaaa tctgtggcat tggcccaaga gaaaccagtg gagaatgggtg	360
gggtgtcctgt ggggattgag actccagtcc caatgccag tccctctctt tccagtggga	420
gctcactgtc tcccagcagc actgctnctc ctctctaaca tccctctctt gctcttcgcc	480
gggtactcact aagcgtttat tggggtcatc aagctagcag ccctggctcc agtcacgta	540
ccaagtaggg atcaaccaac ggttccatgc agctcgccac aaatttcagt cccaagcaga	600
tcaggaccac aagccagtgg cctcagagcc ctcttccag ggatttatc cccaccctt	660
ataaacaact tctgccgcca agcagcttg cccgaaacac aagtcactta aggggtctctc	720
caanattcac taaccaacn agggccatt caagn	755

<210> 2265

<211> 1147

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1147)

<223> n = A,T,C or G

<400> 2265

gnagccanga accctttggg aaaanncccc cggnnnnnt ttannaaann aaaannnnnn	60
nnnnnnnga nagagnnaaa gggnnaggag ggcgcnaaa gnnggcnac naagaccana	120
atTTTTTTtn tcacccaaac gcnganncaa aaagagcncn nccagggggg gattcgnant	180
nagcaanaca cgcaaggggg ggaccctttt ntataaaaaa ccncgaanac naacgccacg	240
nggngncnng aaaanganac gngcccacnc ncnnananng agnngcccac gnnccnnaat	300
nncagncnnc gggaccgacc cagccaanga nccnncnncn gnaaccccc nganncnccc	360
cgaannncga aannacnng ccacaacaag accnanngna gcagcgannc angccccaag	420
nggcncnaac ncncaaaacc nccccacnac nccngaccnn nnaaccnca ncnaaaana	480
gcccnacnng nggaccccaa nnaccacac ccagacaanc ncacaannca cggcccccacg	540
tccccgncnc aagnncnngn cccnccnagc cnnngncccc nnaancancn aanagacccc	600
nancncncc acnaaggaaa cgncnngan cccnaaagcn caaacngnaa cacacaccn	660
accnngcgnc ncgggtnagc anaccnncnc ccnccgaccn cacaagagta ccgcaagcgn	720
anngnnanac ngacanccag caaanccnaa cnnngcccc cnnagaaaag ncngacnnc	780
acccaagnnn canccgacaa cngnnanacc cccnnncgac aacgacancc gccacagca	840
anncnagcg anccaccnaa agcnnnnngn acggngncaa aaaacancgn gngcnacacn	900
ngatntagca aacaancca aaggnncacc nccgacgaga ccacnangna cagangcagc	960
gannncnnc cccgnagngn ccnaaagcna cnnangcng aaacgcgna gggnnngngc	1020
anggcacgnc ccganncaac acacgacccc anagacgcn agnnngncnc nngcnganca	1080
cnnnaccan ccacannggg gcgagcgcgc agccagcgac gtagtagnca caaacgnccn	1140
nccgcn	1147

<210> 2266

<211> 992

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature



&lt;222&gt; (1)...(992)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2266

tcgtgaccct	ttgcaanctc	ctngnncttt	tngcaggaan	cnnnnnnnnn	nngnangtnn	60
ggnnnagagg	aaaaaaacca	ntnnaataga	aannttatag	gctcccgccct	caggnaancn	120
gggctgggnt	ttaattaagg	aanaaagccg	attctactga	ctgacgtatc	cccttctgtn	180
taanaatccc	aaccacacac	tttcacacac	tattccaggt	tctggccctg	aatgaccenc	240
agctgangat	natttgncat	cncnccactt	ctntttttan	cancnccaaa	nancatttcc	300
aaanaaaacg	tttttagctt	tttaacngcg	attcaccact	aagaaantgg	cnngngaac	360
agtcacacaga	gcttattcaa	attncaccca	ttctacatgc	acncttttgg	tgncgcctgt	420
gannatntan	nctnnatcnc	atttttanca	ccctgcgnag	aacggnaanna	aaancnggna	480
aacntacagc	caaganacca	gtagccnggc	tccggccatc	acnnnagnct	ttgcccatac	540
cnatccctnt	tanaggacca	tntttntacc	ntctngcncn	cccanttcc	ttaanccntt	600
gggaaaccna	actnaaactg	gnncctntca	anaaatcntt	ttttantttc	naaagaantc	660
tttaccntta	aaatncngga	ntcncgnaaa	ngntttnaac	ccttccctggn	naaaangggc	720
cctnctcca	cntcccaatn	ttccaccntt	gcangaanaa	cnaaccnana	ggctnatacn	780
ctnccaattg	gntatatnta	antntnagcn	ataaancccn	ccccntttt	atactcnggn	840
tannancaca	agntacnctn	ttccnntaag	gntnangccn	aaacattacc	ctanagggnc	900
acanctaang	nacntattct	tcccgccnaa	tgcgcataa	aaacccctct	cccccnttg	960
ggaaacnnat	acttnggggc	nggntnttcc	cg			992

&lt;210&gt; 2267

&lt;211&gt; 976

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(976)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2267

gnttgaaaac	ntatacaact	acttgnnnnt	tttngcagga	tcccanngnn	nngggagann	60
gmnagccac	ngnccnnngg	ncccngnatt	tttnnnncgc	nnaaggccnc	tcccnngggn	120
tttanttcga	nngggngnga	naacatttnc	acccaaaggc	ccaggangcn	tnntagncat	180
ttgggcccga	aacnnacacn	ttcngattnt	acagcgctna	ttannannaa	ngatnaanat	240
gancaaaagc	annnngtcaa	acnaattagt	accggcccg	ccgcngtggn	tnacncccg	300
aaccccaaca	gttcgggang	cccaggcggn	cgaatcacna	ggtcntgagt	tccnnaance	360
gnncgacn	atatgggtga	aaccccccg	cccnncntan	aaaaaacang	aanataancc	420
cgggnagnn	ctggccnccc	gccnctagn	acctangcta	actcctggna	ggctaanggt	480
cagnagaaaa	tccgctncca	atcccgnga	gggagnganc	gcccgcaggt	gangtcccaa	540
gcacccgncc	caactgncaa	catctcncc	cntgggggag	nancannnac	ccncagcaat	600
ttcttcccc	ccccancaaa	aaaaananna	aancggaaat	cnntgcanaa	acanantccn	660
cgaaggccnn	taaaccnct	cccccganac	nccaattttna	nnacacacgc	anccccccat	720
atcccttana	antttntctc	nttaccctc	aacaagaaaa	aaacnccnct	ctntnaanca	780
nncccncca	cgggnanccc	aacaanntnt	tcnnaaat	ncgcggggca	accngcaagn	840
aatannngann	gaaccctacn	nttggangna	tnnnccntgg	gaccttcggg	gganctatcg	900
ctccncanan	cacacgnac	cntaatanaa	aaaannaaaa	ctccgcctac	accatncggn	960
ggagaacacc	actnng					976

&lt;210&gt; 2268

&lt;211&gt; 803

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(803)  
 <223> n = A,T,C or G

<400> 2268  
 ngngnnnnnn cnnncnnnn nctccctgnt taccaaagac actcacatct ttaattttgg 60  
 tgtttcgatg gaagcacagg atataattct ctgcctcctt aaattggtga acgtgctgca 120  
 aagtttgaca tttagaaata gaactagggc tgtggggctt tgttccgtct ttagggcttt 180  
 gttctctgcc cttgcgtaca cactcgtgtg catgtgtgag tgcatattac acaggtgcat 240  
 gggataaccc tactctttta aggcagtatg gaagtagcaa agctgctgtc tttgtctttt 300  
 cgggtgttgc tggctctctc tgtcagcacc atcaaggctt tgctgctcat tgcactcatc 360  
 cagcaggggtg ctatcaggaa gaaggagaat gagttccaaa aataaggtaa cttattcagg 420  
 cttcacatct gtctctatgt tgggaatgat gctactctcc ctgcctgcct tgtggaatgg 480  
 ttataaanat anaatgagag gaagctcnga angtgtatc caangtgttn caccntcat 540  
 naaacatnnt cangnattgc aaacaaatgg acttacgagt caacctgact gaagggcaga 600  
 aanttccaac ncttatttta ataagggttc gccctgngt taatttggat cccacntttc 660  
 ntcatataaa ataanaaggt ggggnttgaa tnacaancat taaggggctg gcgaataaac 720  
 aatttaaaat tcntggtcaa cttttatgtt aaaagaaatc ttaattggaa aatnttattg 780  
 nttgccacca ttaacaaggg ncc 803

<210> 2269  
 <211> 935  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(935)  
 <223> n = A,T,C or G

<400> 2269  
 agaaccttga aancccnncn ntgcngaccc acgancnaat cgnccnangg tnaaagnaaa 60  
 ccaaccaggg gtttttttga naaaccaana aggaaagggg aggcgggngg agggcnaaac 120  
 ggccaanccg cttgtacnna anancccggg ggagggaaaa aaaccgggna anccagtnna 180  
 aagnnccccc ggggccgaaa aggnatgccg ggaagaaacc cnaccaaca naanaacca 240  
 tnggaaangc ccgcccnaa aangggacct ggaaaccanc aagcaancgg ncctggaaaa 300  
 aaangggccn ggaccangna aaatgggnac caacngncca aaaaaggggn ccccggnaaa 360  
 anntnaaaaag cccanaaagg taagganggn naaggagggc naagaaaacc aaaccacagg 420  
 ggggggaaaa agnntnccca agccaaacca agaanggaan ggcctttngg agccncnt 480  
 ggccccana ccaanccctn gnaagngggg aatgncaggg ccccccacann gggnggggga 540  
 aanaaggccc canccgaagc ccnnnccctc ccaactgggc ctggcccctc cncctggggg 600  
 gaacccaaaac aaccgaaaa agaaacnca nccacccccg gncanggggn canaaggggg 660  
 gncaccngn acaaaaaccn nncnngggtc ncaagngggg canggantcc cccaaaggga 720  
 aacccagga cccctataaa ncagnaaaca anccnaagt ttngaantgn ngggggacnc 780  
 aaaaaaggga aaaaanaaaa aaaaaaaaaa aaaaaacccc cannccccnn aaaaacaaa 840  
 aggggnggcn gcannaccgg gggaaccccg acnngganaa ggaaccnccn ggangaagaa 900  
 tggggcnaaa ccccacccn cnaaggccng gggan 935

<210> 2270  
 <211> 656  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature

&lt;222&gt; (1) ... (656)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2270

```

ccccnctngc cttgnccgnt tatcnaggat ctttngcatn ncatctgtcn ctttngctgt      60
nttgtaaate ngttaccgtt atagtacctg gtctgaaagg ttgctggatg atcctaccaa      120
cagagaccat tgaatgccgn tcaaaatgga ctgaagcatc agcaatgtct gaaaaaaggc      180
ctgacngtaa tgtacatgtc aaatggcccg taatttaagc cagagtagaa gtaagtagaa      240
gaataaacat ggggaaagtt ccagcaacan aggaggcttt gagcttttgc tcttcatctt      300
gagtggatgt tgttctcagg tggtaatagg ccatcgagct ttctccactg gctgcctctc      360
tggggaacaa ataacccgaa aagatctcag caccctgggt ggtacatagg tggtcagttg      420
atttatactt cctgggtttc agtgntgctt gaattttcta aatggaaaca cagtaccttt      480
ataatcagaa aacaatcccg agtttttgat ttgaggggtg ttgtaaaaag ntaaaaaaaa      540
aaaaaaaaaa aaaactccgc cctttnaaac ttttgggggg tcgttttccg tnnatccccc      600
ccntgttagg aatcctttgg tgagtttggg nccanccccc ccnccttaac nnnntt      656

```

&lt;210&gt; 2271

&lt;211&gt; 671

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (671)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2271

```

ntactcnaat agntnanta aacctnaact ngaatatntn aaatattgag caagcctngc      60
tgttgtagag nagcancctg gtctaaccgg tccaaaaaca atggttagaga cattaggaat      120
cagggtttga aaatcttttt ttccgattta tttgtnatnt acataccaaa aaaccacatt      180
aaaatagtc tcccttcaac atggctatct tttttcaagt tttatatgca tagctctctc      240
agcacttgaa tggaaaaact gttacagcat ttgggagttg tttttctttt agacatttgc      300
agatcttata tcaagggtgac taggaaccga gagctaagta tctgtgaggc aatctctgcg      360
aacgctgaac ttacctagtt ggtttctatg aaatatgtag aatgcactgc agtagccatt      420
gnaagaaggt actataccgg ttttttgggg cttggtgntg ttgtttggtc tgagaatgta      480
ctgccaaacc ctcttttata aganagaact gatattgata catattttaa aatatgatag      540
tacagagtta atggatgta aaaatttatt tctttgnttt ggtaagtaga ttaaactcag      600
aatcatataa tcagtncatt tgagaattat atacnnggat ataataatac tggacnaanc      660
atttgnatc t                                     671

```

&lt;210&gt; 2272

&lt;211&gt; 758

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (758)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2272

```

gttatctggt actcagcttg ctgcctgcng gtcgantctn atngatncna nttecgcacg      60
agggtgaaagc nnnngcctcac gatccttctg accttttggg ttttaagcag gaggtgtcag      120
aaaagtacc acaggggcca gaacttccac cttgtggtca attgtttcaa gtgtgtgacc      180
atacttgta agaaagtcaa gtcttaccag ataactgaaa aacagctcca agttctactg      240
gcctatgctg aggaggacat ttatgatact tcaagacaag ccactgcctt tgggtcttctg      300

```

```

aaggcaattt tatcaagaaa gctgttggtc ccagaaatcg atgaggtcat gcggaaaagta 360
tccaagtggg cagtctctgc acaaagcgaa cctgccaggg tccagtgtag acagggtttt 420
ctgaaatata ttcttgacta tcccctgggt gacaaattga gaccaaactt ggaattcatg 480
ctcgtctaac tgaattacga acatgagacc gggagagagt ccaccttgga aatgatcgcc 540
tatctctttg acacgttccc tcaggggctg ctccatgaga actgcggaat gtctttatcc 600
ctctttgcta atgacgatca atgatgactc tgccacgtgc aaaaagatgg catccatgac 660
aatcaaaagtc cctacttggg aaaatcacct cgagaaaaaa gaatggctgt ttgatatngg 720
taccacttng gttgggagca aaaaaccctt aaatagat 758

```

```

<210> 2273
<211> 731
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(731)
<223> n = A,T,C or G

```

```

<400> 2273
cttttgacc nttaacaac cacactctat ggtgantgga atnnnaaat naaaaagnna 60
ntaaatggat ttggccaccn taaancacca nantttgaaa tgggtgantg agggccggag 120
gccttgatna aangggccct ttgnaanggg tngggngnga agggaaannt tnccggngg 180
gngtnacctg tnggncttcc aggncanttt ttggcctnc anccntncct gcaggatgnt 240
caaaaagnnnc ggcccctnnt gggaagggtta aaactgganc aaaccttnc caagggganc 300
attttcaccg tttacctgga agtctttttt tcccacctgg cttaatcagg ttncaatttt 360
caagggtaaa caactaccac ttncaggata ngggaagtgg tgggtggaat aaganaacca 420
tgataccctg gaggaagggg aagaaaccac aaancatttt tccttactgg aaaaaatang 480
ggtggacatg tcagtcaaaa ttcttgatca acttgggaacc ttgagttttc cagttaaatt 540
ccattncact anggaggag ttttctatca aaatcctgcc agatttgaag aancctggtt 600
attagaacca cctgtcgctt ttcaaagctg cttaaaaata agatctgcct cnccttagag 660
atgatcatgg gcctggtggg gccaaaaatc ccgnggtttt ttaacctnt gcgattctna 720
ttgcagtaaa a 731

```

```

<210> 2274
<211> 867
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(867)
<223> n = A,T,C or G

```

```

<400> 2274
tttacacgnt cgctgcactg tgaacctggg cctccgcgcc gatgccaccg gcctgtgggt 60
ctctgaaggg acccccccca atcggaactgc caaattctcc ggtttgccc gggatattat 120
agaaaattat ttgtatgaat aatgaaaata aaacacacct cgtggcaaaa aaaaaaaaaa 180
aaaaaaaaaa aaaaaaaaaa aaannccccc ngnnccntaa aaaatttggg ggggtttttt 240
nccnaaaanc ccncctggt nnnntttttt gggggngnnc ncnnccccc cntnnnaann 300
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 360
nnnnnnnnna tntccannn nnnanttttn atnnnnnnnt nnnntnnnn nnnncnaata 420
nntnnnnnat nnannnnnt nnnntntnnt tantnnntn annnnnnncn nnnnnnnnt 480
nnnttnnnnn annnntnnn nnatcnatnn annnntnnnn nnnnnnnnt nnanannntn 540
nnntnnnnnt nnntnnnnn nnntnnnnnn tntnnnnnta ntnncnntn natnnnnnnn 600
nnnnnnacnn annnatntn ntnntnnnnn nnanannnn tattcnntt cnnnnntaa 660

```

```

natntttnnnn atacnnnnnn canntanntt nmntntntnn ttnnnntnt nnaantaant 720
nttntnttag canntctnt tcnnnnnctt tatntntnt tntnnatnna tntnctttgt 780
ntnatntttn tnatntnta nnnancntn nannncnat nnantnttn nnnnnannnn 840
ncattancta ttcncngtnc nanance 867

```

```

<210> 2275
<211> 759
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(759)
<223> n = A,T,C or G

```

```

<400> 2275
tnttatnecn tcagctactt gttctttttt caggatccca tcgattcgaa ttcggcacga 60
gatttgagga tctcgacctt gtccttccag cagggtgctc caagccacct ctgggcctga 120
gaataggcat cacatgactc tgtttaatcc tccgacacag caaggatgcc gggaagcagg 180
gcaaagtggg tcaagtattc cggcagcgaa actgggtggg cgtgggaggg ctgaacacac 240
attaccgcta cattggcaag accatggatt accggggaac catgatccct agtgaagccc 300
ccttgctcca ccgccaggtc aaacttgtgg atcctatgga caggaaacct actgagatcg 360
agtggagatt tactgaagca ggagagcggg tacgagtctc cacacgatca gggagaatta 420
tccctaaacc cgaatttccc agagctgatg gcatcgctcc tgaacgtgg attgatggcc 480
ccaaagacac atcagtggaa gatgcttttag aaagaacct tgtgccctgt ctaaagacac 540
tgcanagga ggtgatggag gccatgggga tcaaggagac ccggaatac aagaaggtct 600
attggtattt gacctggggc anaacaactt ccttcccaac ttctgtccca ccttgaagct 660
gaggcacttn ttttcagatg cccaataaag agcactttat gagtcaaaaa aaaaaaaaaa 720
aaaaaaaaa aactcgagcc ttttanaact atngtgggg 759

```

```

<210> 2276
<211> 758
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(758)
<223> n = A,T,C or G

```

```

<400> 2276
gggcccgggtc tgccntcata gacatgacca actgtccttc tcctcgatca cagaccaggc 60
agctggcatg aaagaggacc nnaagcaaaa tgagcctttt gtggccaccc agtcatctgc 120
ctgcgtggat ggccctgcaa accattgagc gtaggatntg ttgcattatg ctagagcacc 180
agggncaggg tgcacggaag angctcaagt atgnttattn cttatcacia tgcanagcc 240
gaaaattatg tcnctttaag aaatacctac ctgtttgcn tgtentatta aaaaacnaca 300
aanaaagaca aatggaacan agaaanctgt gaccccgaca ggatgncnaa tatgtgagga 360
aatganatgc ccacctaaaa tcatatgtgc aanattatct cgaccttcca tangaggaga 420
atacttgnan cngtatgtc cctgtngtta naagcaaatt ttatactttt aactggaaac 480
tntggggttt tgcatttaat catttaactg acggctaaat agccancatt tnttttttag 540
aanctnaaaa aaangcccta gnnctgtngn tttntaaatn ggnttatgcn nactcggnnc 600
tgncatgttc cccccccaa aatgaatttn nttttgtnc gaaacctang gnnnacctca 660
ctnnttnta atncctang tannctnctn ctntnctc cntnttaaag nccnaataa 720
tccctnttn cnnngnnnc ncnngcttta cggcncca 758

```

```

<210> 2277

```

<211> 1212  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1212)  
 <223> n = A,T,C or G

<400> 2277

ngncntgatn	gaacgtnacn	gantgnngnt	acgtatatgt	tngatntgtg	atnntgangt	60
atntnnanag	ngtatgtgnt	gnnttatgcga	tnntattata	nccnccnnta	tgntagtagt	120
aacnannata	nntagagtan	ttgngnnnat	ngggngngng	agngtatatt	tgagtcatat	180
gtnnnatgaa	ncagaaacat	ctncnanant	ntacgcatgn	nmntngngnn	cngagccnnt	240
atgatanntg	atgntnacga	ntcganttn	ngatntantc	cncgtntngg	ttntctgtcga	300
nnccnagtna	nnttanatgn	cccgnnnngn	attaacnnta	ntnnnggnnt	angtnngtgc	360
gngnagtnta	ncgnnaanta	cnagnanann	atnnaggcnn	tattnnctaa	nnnacgnnnt	420
ngnntttatt	nantgtgtna	nnatgggnagg	aggagtacnn	nnnatnattg	cngtnngntn	480
gangtnntag	anatgtntnt	ncnccacnnt	attgcntang	ntgnanncgt	tnantagagt	540
anacntncgc	agaaggtagc	canctnatth	antncangac	aatgtngggc	gtcncgntaa	600
tnntngntan	ganntccgag	tnntgtanng	ancgtcatat	cnatngnngt	nngcntntaa	660
nntgatgcng	atgacncncg	tncagtnnnt	aatatangan	nantcngtag	ggcncctatn	720
tngttnatan	tgtnagacnc	acantataga	gngantatac	tgaaatnntg	gntngagana	780
natatatnag	nntgtgttat	ntggcnnnat	ngncatata	atgatagnnt	gcgatnacta	840
cgnagtgtgg	gaacgctaca	cgcgtaggnt	tgcgtnata	tgntnnctc	gcgnangtgt	900
ntttctcgc	tagnatngtg	agtgaatgtt	ncncananna	anggataatn	tnntngtance	960
cagcatntga	cnangangat	agataccgca	cagtatntat	ncntgtatgt	gtgtgtntcn	1020
gngcntantg	atcgcnagta	tnntgcntct	nactactaan	nnatnactnc	gncgtacnca	1080
gggananntn	cgaaagngcg	cacnntatng	aacgntanaa	cgtgcngant	agatgtntcg	1140
acnnncncat	aggncntgat	gtacaagtga	tcanntgaan	nngtggannc	nccatgntnn	1200
atnagnntng	gt					1212

<210> 2278  
 <211> 771  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(771)  
 <223> n = A,T,C or G

<400> 2278

caccncgntc	gantcggcac	gagatgaacc	atctgctttt	aatgattttc	agaggccagc	60
cattttattac	atgatgtcat	tcagtgattg	gtatgagatg	caagatgctg	gaattacttc	120
agactcaatg	atgaagaact	tcttctttgt	gccttcttgc	attcagctga	gccaagaaga	180
cagcttttcc	gctgaagctt	aaacaggcat	taacgcttct	ttagatctga	agttgcagggt	240
taagcttgct	tggtcaacat	tccagtgtgg	aaaaataatt	taacaatct	tattctctta	300
attcttttgg	caacaaaaac	tattagtaat	agctatttgg	gaccagacaa	aatcagcttt	360
catctataat	tcattgggga	taatgggaga	tttaagataa	tgtatccaga	tttaaaccta	420
ccagtttgcc	taccccttan	gcgtttaaaa	taaaatatgc	aacaaaatgg	atgacttaat	480
tggagatggg	aagcccatta	attgggttcc	ccattaaatc	ggttacatac	aaagaacaca	540
gtttttatatac	taaaggattt	tgnggttaaa	ggccttgtna	aagggttcacg	tcttttcacc	600
cagaattttt	caaaatgggt	agaagaacna	gnnggggact	ttctttaana	ataaccgggt	660
tangtggnat	tttaagaaaa	gngggtnaaa	tttnggcct	tttgaacctg	ggagtttttna	720
ataaaatggn	naaaaatncc	attcataanc	aatttnggtn	gancctaann	g	771

<210> 2279  
 <211> 733  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(733)  
 <223> n = A,T,C or G

<400> 2279  
 accnccgntcg anttcggcac gaggggtggc ctgtccagct cagcatcctt ggaagtggcc 60  
 acgtacacct tctccagca gctctgtcca gactcgggca caatagctgc ccgcgccag 120  
 gtgtgtcagc aggccgagca cagcttcgca gggatgccct gtggcatcat ggaccagttc 180  
 atctcactta tgggacagaa aggccacgcg ctgtccattg actgcaggctc cttggagacc 240  
 agcctggtgc cactctcgga cccaagctg gccgtgtca tcaccaactc taatgtccgc 300  
 cactccctgg cctccagcga gtaccctgtg cggcggcgcc aatgtgaaga agtggcccg 360  
 gcgctgggca aggaaagcct ccgggaggtg caactggaag agctagagct gncagggacc 420  
 tggtagagca agagggcttc cggcggggcc ggcacgttgg tgggggagaa tncggcgcac 480  
 ggcccaagca agcggcgcn cttgagacgt ggcgacnaca gagccttttg ccgcctcatt 540  
 ggtggagaac caccgntcan ctcananacg actatgaagn gaactngcca aaacttgacc 600  
 aacttgttga aggttgccct tgcttgtgcc nngggtttat ggnaaagcccc nttaacnggc 660  
 ngtggnttcn gtgnntnanc ggnananttn ttggangect ccctttttcc aaccntngg 720  
 ganaatcaag aat 733

<210> 2280  
 <211> 734  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(734)  
 <223> n = A,T,C or G

<400> 2280  
 ccntcgnatc gancggcacg agaaagtga tategagttg gtaacgccaa gaataccaga 60  
 aattctggaa atccatgaag cagcagcata agtgggttgc ctctttctcc agcagcaaca 120  
 tagtgaaatc ttaaccctga atccttgat tcttggcggt accaactgag agaatttaaa 180  
 agtgaatata gagttgtagc actggatttg agaggttatg gagaaacaga tgctccatt 240  
 catcgacaga attataaatt ggattgtcta attacagata taaaggatat tttagattct 300  
 ttaggggtata gcaaagtgt tcttattggc catgactggg ggggcatgat tgcttggtc 360  
 attgccatct gttatcctga aatggtgatg aagcttattg ttattaactt ccctcatcca 420  
 aatgtattta cagaatatat ttacgacac cctgctcagc tgttgaaatc cagttattat 480  
 tactttctcc aaataccatg gttcccagaa tttatgttct caataaatgg atttcaaggg 540  
 tttgaaacat ctgtttacca gtcacagcac tggcattgga agaaaaggat gcccatatac 600  
 nacagaagga tcttgaagct tatatttatg nctttttctc acctggagca ttaagtggcc 660  
 caattnacca ttaccgaaa tatcttcagc ttggctggcc tntcaaakat taaaatngng 720  
 gcccaacttc ncnt 734

<210> 2281  
 <211> 766  
 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1)...(766)  
 <223> n = A,T,C or G

<400> 2281

accncgatcg aatcggcacg aggtggaaga agaaaagntt cctacacanc tgagcaggca	60
tattaagttt ggtcngaaat ncatgtggag tgtgctcgat tttctccaga tggtcagtat	120
ttggtcactg ggtctgttga tggattcatt gaagtatgga actttactac tggaaaaatc	180
agaaaggatc ttaagtacca ggcccaagat aactttatga tgatggatga tgetgtcctc	240
tgcatgtgtt tcagcagaga tacagaaatg ttagcaactg gggccaaga tggaaaaatc	300
aaggtgtgga agattcagag tggacaatgt ttaaggagat ttgagagggc acacagtaag	360
ggtgtcacct gtctaagctt ttctaaggat agcagtcaga tccttagtgc ttcttttgac	420
cagacaatta gaattcatgg tttaaaatct gggaaaaccc tgaaggaatt tcnnggccct	480
tcctcctttg ttaacgaagc cacatttaca caagatggac attaccttat taagtgcac	540
ctctgatggc actgtaaaga tcttgaata tgaaaacccc cagaatggtn caaaatacct	600
ttnaaatccc tgggccagcn cccgcaaggg acaagatatt taccgncca ancagngggg	660
gaatctaact ttccttaaaa acccttggac cacttttgtg ggtggtgcaa ccaanaanca	720
aaaaccccg nggggtcatt ncatgaacca tgccangggg gccana	766

<210> 2282  
 <211> 1226  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1226)  
 <223> n = A,T,C or G

<400> 2282

aagaacggnn tttnaangnn tntttntntt nangganant gtagntaaa ttcatttntt	60
aattngaacg acncegntnc nacngtatct tgaattangg gtnggtggaa ggcnccecatg	120
tcnacanatn tnacatatat nttatattnn canntngaca natntaattn tttncangct	180
gaacnatcgg ggggggggng agnngatcct atctcggtan tggatgant tnantcgcn	240
cnatcnntct ccgnatatct aatntttata ntnngatcgt tgganngang natntacnat	300
atnatatnga ntntgtacca ttnntnacga tcnaatgtnc ttannnctna antttcncnc	360
gncnggncat anggntcnnt nannnnctng tnnantccgc aatgatagnt atatgntnnn	420
naanntgngg ncannntnng naccatnctt ncngggtttg ngcgcntant tanncananc	480
ncatnggant ntatnananc ccnctggggn ntntaaaagn tatangecna nntntncnng	540
ctnantnggt tgnncnatnn nnnnanttnn aantaacngg gnatanntcg ctgcactega	600
tttannccnc cgnnnantna ntgnccnncn tnnntnnngc aangatnaca natgagtnnn	660
agnnnnngtn nntatttgna caatntnctg ncgacgcngn ngatcntnta tnttgacata	720
tgagngngca anttatgcgc agntnttcca ncnatangat attcgnatna acatngtggt	780
gtatgcnana tcnccecnang ananntcggt nntatntann tnnngctacac ggncantnt	840
nacataccca tcnnnannat nnnccnncn nacgntngcn agntcgaac acatctgcgn	900
ggttaancgt ngagacnctn ncgnnataga ntaattagga ntgctcaatc atcngcactn	960
tatgngcgta cgaacgtatn tgtatatntg agtnatatgt gcgatatgcy attgtntna	1020
tatnccnacn tgatcatntg tatgagtatc nanngtngnc ccgatatgan gngnggttng	1080
nnaganatat cgaaatataa ngtgtntgcc gtgacngagg tcgctgaant ncgagctcgc	1140
gtgntnggac anggttatag ntngcgtaa agganttgac gngntcgca tgatgtannc	1200
tacgatntnt gagtgcnana cagagt	1226

<210> 2283  
 <211> 1327  
 <212> DNA  
 <213> Homo sapiens



<220>  
 <221> misc\_feature  
 <222> (1)...(1327)  
 <223> n = A,T,C or G

<400> 2283

ttgggggggg	ggggcnaana	cccgcccnnt	tntaangttt	ncnagaaaaa	aagngaaatg	60
ggntagactc	ccttttccgg	agtnnaatnc	acngannagt	nnggcngaac	gggnntttgt	120
tnaaanttta	tnanacncgc	cncacncena	tcagthaata	tcggccnncc	ccccattnta	180
tgtaaagcag	tnntatattn	gtggatntna	ccccccccc	ngccnctag	ntgtgttatg	240
cgcagtcacg	ataagtgnng	ggggggnggn	gggtctannta	tctatttnca	cacncggggg	300
atgataaanc	gncgtaagng	gttctcactc	antntgagtn	gggtatataa	tatatannat	360
tatccanncg	tncatnanaa	tggatacgcn	nncgtattga	ttttgnatnc	accncgttnc	420
atatnctncc	gcgcaccact	aggctcgtng	anctaacnna	cctcacatcg	cttctgggtg	480
gncnntntna	nganncgnc	gaanacttcg	gatataantn	annatgacag	ntatncttna	540
ttngtgcccc	nnaanannta	nncngncann	tatctctngt	aaatantggg	annagactcg	600
nnttgatatn	tancntcngt	natgttcnga	tctnnccatt	cnaacnaggc	tacttannaa	660
acccnnnnng	tgannntgng	tngcntntnn	aannangntc	ncntatgttn	ngnnntccc	720
annnnacnan	cnnatnntcc	nnattatgtg	ngangggctg	naaangttnt	nnannnntc	780
tannagctnn	ncantgannc	gngcatngta	cnnnangaac	ntatcgnctn	cnntnntgtg	840
aanttnnccg	gntgacnant	ncnntggtnn	agcngcgnac	cncttngaac	tngtctnctc	900
ctaattccct	gnnngatngg	ntatatnnnt	tgtntctgnc	ntggganngt	ntattgntgt	960
gcntatctat	anatgtgccc	ctcgtctgga	cnacgaggtt	gtatnctgtn	aannagntnn	1020
attgtggngt	nnaatangcc	tnagcnnaaa	aatgtgnnna	acacacnatt	tntgtaacac	1080
nactcgtntn	ttgtntntna	ccncaanaga	ngccgngggg	agtntntaaa	ntnncatgtn	1140
gggggtctata	ctcacacngn	ggnanacngt	tantcangat	gacgaganat	ncactnggca	1200
cgtgngngaa	ggnacacagt	tactatgttg	nnaaganana	gnaagcgata	tctctcctcg	1260
ncgatgtctn	ataccnnngc	nnccgtnat	ataagngant	gtaggacntn	actaacgnnc	1320
cacnct						1327

<210> 2284  
 <211> 734  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(734)  
 <223> n = A,T,C or G

<400> 2284

accnngntcg	aatcggcacg	acctccatga	aggatatttt	tggagtcgta	ggagttacat	60
ctgctaacat	gcttattttc	attcttccct	catctcttta	tttaaaaatc	acagaccagg	120
atggagataa	aggaactcaa	agaatttggg	ctgccctttt	cttgggcctg	gggggtgntgt	180
tctccttggt	cagcattccc	ttgggtcatct	atgactgggc	ctgctcatcg	agtagtgacg	240
aaggccactg	aaacccgccg	agaaaaagaa	acatccctgt	tgtctgctca	gtcaagtccc	300
cacacatcag	caatctctca	ccacttcttt	tgcaagttta	cagaagcaaa	cagaaatgta	360
caggatactt	aaaatggaat	aacttttttg	ttgcaaaaaca	gagacatggg	tctataatgc	420
ttcatgtccc	tccaagattt	gagatcaatt	tagggattgt	gaattntttt	tttcaaat	480
catacaatca	tatttcccag	tactttncac	aatcattttt	tacccatcta	actctatggt	540
ttgnggcttc	ccgggtctct	agaactttga	aaacatgata	taccaataat	gntnatctat	600
tatccatccg	gattctgaaa	taattttcct	actggatggg	tnagctcaca	cttatctgna	660
ccttttttaa	gaaganaaaa	agantcttga	attggatata	tttatttcgc	tttacagaaa	720
aaaatgggtt	ccca					734

<210> 2285

<211> 719  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(719)  
 <223> n = A,T,C or G

<400> 2285  
 acctcgtcgtc attcgcacga gccagagca ccacagccgc aggcgccccca gcaaccacag 60  
 cagcagcagc agcagcagcc accaccatca caacagcctc caccaacaca gcagcagcca 120  
 cagcagttta gaaatgataa caggcagcag ttcaattcag gtagagacca agaaagggttt 180  
 ggaagaagat ctttttgaaa tagggtggaa aatgaccggg aacgggtatgg gaaccgtaat 240  
 gatgatagag ataatagtaa ccngacaggg agagagtgagg gaaggaggag ccctgaccgg 300  
 gacaggcaca gagacttgga agagagaaat agacgctcta gtgggcatcg agacagagag 360  
 agagattcta gagatagaga gtctcgtaga gagaaggaag aagcccagg aaaggaaaag 420  
 cctgagggtga cagacagggc aggtggtaac aaaaccggtg aaccttccat tagccaagt 480  
 ggaaatgtag aactgcttc agaacttgag aaggggggtgt ctgaggcttg cagtcctaaa 540  
 gccttctgaa gagttacctg ctgagctcct catccgttga acccgaaaag gattctggct 600  
 taacagcaga agctccttcg ttaganactg gaatttgta aaatgtnaca gtgacctttc 660  
 tggaatgtaa ncttgangtg tcaaatgctg tatattatcc nntccttgt ctgnagccc 719

<210> 2286  
 <211> 764  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(764)  
 <223> n = A,T,C or G

<400> 2286  
 nntccttctg tntcncatc gnttnttnt cngnatatt gcagtcngca caattgagag 60  
 anccaatggn ctgncatc gccncataga gganannnac atggnnctgn naggaatggt 120  
 ggttggtgat ganttacata tgntgggaga ctctcaccga ggtatctgc tggaacttnt 180  
 gctgaccaag atncgctnta ttactcngaa atcagcatct cgtcaggcag atctanccag 240  
 ttctctgtcn aatgctgngc aaatcncngg gatgagtgt ncccttctta atntggagct 300  
 cgtggcttcc tggctgaatg ctgaactcta ccataccgac ttngccctg naccgctttt 360  
 ggagtcagna aaagttggaa atcccatana tgactcttcc aatgaaactt gtgagggaat 420  
 ttgancccca tgctacaagt gaaggagac gaggaccatg ttgncagtn atgttatgag 480  
 acnatntgtg ataacnattt cncattant ttttttgc atcaaagaaa cgggtgtgnga 540  
 aagcctggca tatntcattg cngagaant ttaatnacct tacattnatc aaacngnngg 600  
 ggantggngg aaacccttn tgaatgcccc ccccgtnatt tnttgaaaa aaaaaagann 660  
 ttntttggaa nctnnnngg gaacaaatat annaaacct tcnnctttt angaacnggg 720  
 nacnctgtc ttaaaaanaa anttgnacc natggggggn cnnn 764

<210> 2287  
 <211> 995  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(995)

<223> n = A,T,C or G

<400> 2287

cnncaannnnn	nncnactgen	nnnnnnnnnn	atancgaann	ncntanannn	nnantnntct	60
nnentnnmnt	cacnnaannn	nnnnnctnn	cnnanctttn	nnnnnnntn	nnatangnnan	120
ttnnnttant	ttaatgcntn	tnnnntnann	ntcgcgccc	ncntencatn	nttccentcn	180
ctccccnnan	ntnncaagng	tnctttngna	aantcangnn	ngattntanc	ttcngtnccc	240
nccccccctc	tannnttcgn	acctgcaggc	atgcaancnt	tgagtttttn	tataggggta	300
cctaaatagc	ttggnggggg	cattttcata	gctggantcc	tgngtgaaaa	ttgttatccg	360
ctcacaattc	cacacaacat	acgagccgga	agcataaagg	tgtaaagcct	tgggggtgcct	420
aatgagtgag	cctaactcac	attaattgcy	ttgcgctcac	tgcccgcctt	ccaagecgga	480
aacctgtcgt	gccagctgca	ttaatgaatc	ggccaaccgc	gcggngagag	gcngtttgcy	540
tattggggcg	tcttcgcgtt	cctcgctcac	ttgactcgct	tgcgctcggt	cgttcggctg	600
cggcgagcgg	tatcaagctc	actcaaaggc	ggnaaataac	ngttattcca	cagaatcacg	660
ggggataacc	gcaaggaaa	aacattgtgg	agcaaaaagg	ccaaccnnaa	ggccagggaa	720
ccntaaaaaa	gggncgcgtt	gcttggcggt	tttccattag	gctcccgcct	ccctggacng	780
agcatnaaca	aaaantncga	cgcttcaant	caaganggtg	gncgaaaacc	cgacaggant	840
aataaaagat	aacccanggc	ggtttcnccc	ctggaaagcc	tccctccatg	ccnccntcc	900
ttgntccnaa	cccttgccgc	ttaacccgga	ancttgccng	cnttttttnc	ttnnngggaa	960
ncgtgggcgc	cctttctcan	tagctcacc	tnan			995

<210> 2288

<211> 758

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(758)

<223> n = A,T,C or G

<400> 2288

natattcgat	caagctactt	gttctttttg	caggatccca	tcgattcgaa	ttcggcacga	60
gtggagaggg	cttggcaaaa	tggtcatca	cgttcaggcc	ctccgggctg	agttgtcagc	120
agtatcaagg	gaggggcctg	ctctatcccc	agaaggatca	ggatcatatc	caggatgccc	180
cacatacacc	aagccaggca	gagggcagct	cagctcctgt	cccattctgt	ttggatatct	240
ttacccaaa	gcaggtaacc	cgaagagcca	gcctccactg	cccacagagc	caggcccagt	300
tgtgttggag	tataggtcag	gagctgtgga	aggaggcagt	ctgtgaggga	ctcatgcttt	360
aggagtctc	acccctcaga	ctgctgcagg	acattgccag	gcctctctcc	acttccttcc	420
tcagcataca	gacttcatgc	tatcttccaa	ttccggggag	tcttagctat	tagggcagtt	480
tctgcttctc	cattttgggg	acaaaaggcct	tgcccagtac	aaatctagcc	ccttgtecca	540
cagacttctg	gatggtataa	acctagtggc	aatgtancaa	ccataggcta	gaaccaaacc	600
caagatttgg	gtcagtgccc	tgttaaaggg	ttttaggatt	ggtaaggaca	ccacagctaa	660
atctgacatg	taaaaggata	cccttccctt	gtccactacg	ggtggaggct	aaggacctcc	720
tcaaatccca	caaatggct	ggtgacattg	gcacaagg			758

<210> 2289

<211> 728

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(728)

<223> n = A,T,C or G

&lt;400&gt; 2289

tttntcncnt	ngcacatg	tacccagaaa	ttttgttct	gacctgacgc	ccaccttcta	60
tgggtgccatc	aagaaacctc	ggcaccaacc	aatgcctgga	tgtgggtgag	aacaaccgcg	120
gggggaagcc	cctcatcatg	tactcctgcc	acggccttgg	cggaaccag	tactttgagt	180
acacaactca	gagggacctt	cgccacaaca	tcgcaaagca	gctgtgtcta	catgtcagca	240
aggggtgctct	gggccttggg	agctgtcact	tcactggcaa	gaatagccag	gtccccaagg	300
acgaggaatg	ggaattggcc	caggatcagc	tcacaggaa	ctcaggatct	ggtacctgcc	360
tgacatccca	ggacaaaaag	ccagccatgg	ccccctgcaa	tcccagtgc	ccccatcagt	420
tgtggctctt	tgtctaggac	ccagatcacc	cccagagaga	gccccacaa	gctcctcagg	480
aaacaggatt	gctgatgtct	gggaacctga	tcaccagctt	ctctggaggc	cgtaaagatg	540
gatttctaaa	cccactgggt	ggcaaggcag	gacttcttaa	tccttgcaac	aacattgggc	600
ccattttctt	tccttcacac	cgatggaaga	naccattagg	acatatattt	agcctagcgt	660
tttntctgtt	ctagaaatag	aagcttccaa	agtagggaan	gcacttgggg	ganggttcaa	720
ggcacaat						728

&lt;210&gt; 2290

&lt;211&gt; 1460

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1460)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2290

agcggnncgn	nnnncgggga	agnnnnannn	agnnaangng	nnnnangngn	anannnnan	60
gnggnaaann	nnnngagcnc	ncnnngngnn	nnacaangng	naaggnnncag	aangggan	120
ngcaacgnag	nncgagngng	cngnanaagn	aannaagnnn	ggganngnag	aanagagagc	180
agagnagann	naacggcgcc	nnncncncna	ngttnnnnga	aaccccgctt	gnnnaaaacc	240
accaggnca	ggaanaagaa	gtagagcnac	naaanagcna	gncngcngag	ncnggnanna	300
anangaannn	gggggggngg	gggggggggg	gaanggcnaa	cnctttnnng	nnacnagggc	360
aagggnaanc	cgnagngcan	nggnnggggg	ngggnnacac	naagcnagna	aacnannnna	420
taaangngga	ngagnagngn	gnnancgggg	gnannaaggg	nnannnggna	anngnncgag	480
aanagaaggg	ngganngncg	nnncanaagg	gnggcagana	gggaaggcng	gaaaaaggga	540
agganaccna	tggggganga	gaaggagag	nnnnnnnagg	ngcanaggag	cagaancgca	600
anncganaag	nggnnggggn	cngancgana	aantngnnng	gaganannng	ngganccnng	660
ggngagann	gnaaacncan	gggancnana	ggcaangngt	gcnngncgcn	nggaagnnnc	720
ggaagagncg	cgatcgngn	gaacgcngag	cgagancag	ntcggnag	gagnncgnag	780
gcaacgggaa	gaagagcgga	ggagnacnng	aatcgcnag	aacgcggagg	agcgcgagc	840
angngcggga	nnngagaaca	gaacgnatgg	aaggganngg	agagggan	gngagantca	900
aagcatgang	acagaaacac	acgagagang	nnccggagaaa	angacgagga	gngnggan	960
anagngaang	agacnnnnag	gaanagangg	gnangaaagg	gaatggagaa	agnganngag	1020
gananaangac	gcnngcgaga	gcggataacg	cngaacgcna	nngaantnga	gnaacacacg	1080
cngncncacg	cncgcacnga	ccacnganng	agacgnagca	tnngngagagg	cggnnaacng	1140
cngacgagac	acantcaaga	nnngncgnanc	cnacggcgan	cgnggngaac	angnntngac	1200
ganangcacg	aacgggagcg	aaagntncng	aaangnnann	gantagaagc	agaancgnaa	1260
cngnaagggn	ccaggcgnaa	aggntnggcc	cngcaagagn	ngagcnnaga	gganangngg	1320
aaagangcgc	gggnntgann	cncaaccgac	cngggcgann	aganntnncg	cnagggnagg	1380
nnanggatga	ggnanaacnn	naggggaggn	ngnatagnga	agccagagaa	gcaggcngcn	1440
agangnagnn	ngangggacn					1460

&lt;210&gt; 2291

&lt;211&gt; 1412

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1412)  
 <223> n = A,T,C or G

<400> 2291

acncccgnt	cgnaggncaa	tggngcngt	anaannnann	ggnnnnnaaa	naaanngtga	60
angcntanta	cnngcggnan	nngngttanc	tacgtangan	gaaanggttn	ncncngctgc	120
gagnagctaa	nnnnncggga	ncnanagnan	nannnggatn	cganataggg	acgaaggana	180
nngaatecgn	nagacngang	mgaaantgc	gnngtncnnn	cnnccacnc	nggttntgaa	240
aacccccgtt	atacgcccc	ttcttcttcc	cganggacac	agngcagccn	cntnaccccc	300
cgtcgncact	ggagaaaaatn	gtcagaggag	ccncgggng	ggngggggng	ngggcgcnct	360
natgtnttaa	anttttggng	angaacgcag	tnntggagg	nacnagcatg	cgnnangncc	420
atanantgcn	angggancng	gcagggatgg	catctgntna	cccccaaccg	ancgacgccn	480
nnaannccgg	gngnaccacn	gngnccacgn	ccccggangc	annanaagcc	angnaggccg	540
ncnaggnnna	nnannntngg	gcacnanann	caggangacn	gnaggagncg	ngccngcana	600
annangngta	cnngnnacga	naannanngc	cggaagagnn	ncgcnatac	nnccgnagan	660
cnganaaang	ngnannanaa	tagcnnnana	ngannagacg	nnggncntc	natgnagaan	720
gagaaancan	acntggacga	nnctnngnag	ngatgggntt	gcattnnccac	ngggtnccac	780
nnnnantca	tngnnangrn	cgaaagngn	gangaaanag	cagggnntnt	gnaggncaaa	840
tgcggacnnc	nnnnggggta	ngcgagaatc	ggaanatcnn	ctnganggg	nnnacgcctc	900
nagtctcgc	gcncannnna	gnangggngg	anagacntat	ntagangncg	accantnnan	960
gacacngang	ngcntntgan	tnnnagagac	atagatcagt	nganangtan	cnnnaatgcn	1020
tctcanagag	nnncaanaaa	cggattngga	ctntatcatg	tgnggcagng	gnnaanaaan	1080
aaactctnnc	gcgagnatgt	nttgcgnttn	aanncgncga	tactnangta	agaaananac	1140
nccccgtana	ngngantnat	cnacgcnnng	gnnngcaaga	aaaanacctn	gaaanaagan	1200
gggaaagnna	ngaattngga	cccgatgcaa	gnganacngt	ctaacgnaca	aggtgacaca	1260
acncacgagn	cgatcgaagt	cacngtcacc	ggcaaaacgg	nggnnttct	caaaanggg	1320
gngatantac	gtgctcacgc	ganngggaca	natanannga	ctgantgtna	agagcanaac	1380
gaccatgctt	canacnggg	nganaccgc	gc			1412

<210> 2292  
 <211> 775  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(775)  
 <223> n = A,T,C or G

<400> 2292

tggtattcgt	tcaactcttg	ttctntttgc	gcgngctcnc	anngatcccc	nattcggcac	60
nnggtgnctt	ctgtggaaaa	aanattantt	ctttaccatt	gcancgttct	gccctnggtc	120
caaatgttac	caanntcact	ctanaatctt	ttnttgctg	gaagaaaagg	aananacaag	180
aaaagattga	taaacttgaa	caagatatgg	naaganggaa	agctgacttc	aaagcaggga	240
aagcactagt	gatcagtgg	cntgaagtgt	ttnaatttcn	tcctganctg	gtcaatgatn	300
atgatgagga	ancagatgat	tcccgtaca	cccagggaac	aggtgggtgat	gangtttang	360
attcatttga	gtgtaaatga	catagattta	nccctgtaca	tccaagaga	tgtatatnaa	420
ncaggattta	ctgtanccag	tcttgaaaga	ttcaacncat	atacttnaga	taangatgaa	480
nacnaattaa	gtgaancttc	tggagggtang	gctgannatg	gnnaatnaag	tgacttggac	540
ngaggacanc	nnanagggag	ngaacggaan	atggngccac	tagatgctgt	tcctgtttga	600
tgaanatctt	ttcactnnaa	taaggatttg	gattganctt	tagaacaatt	nnattacact	660
tggttttg	naaatgacac	cnttcacttc	gcttgtanaa	nattatgtca	actcatcccc	720
agttgaaatt	gnctacatta	ntttctttcc	accttgnatc	aactgatgnt	ttttc	775

<210> 2293  
 <211> 1186  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1186)  
 <223> n = A,T,C or G

<400> 2293  
 cgncgngann gnanngggng ngggcngcng gnnngnngang nngngnngan gannnnngcna 60  
 nngcnnngcgn ncnagcgcnn ngangcgnng cncgcgngcn nncngncgcg cnnnnngnc 120  
 gncgggnngc gggggnnang nngagnncnn gngcggncnn nngcgggngg nnnngcngcn 180  
 nngannnnca ngcnnacccc ccnnancnng agngannccct tcgnaacnac ccggccgngg 240  
 ancgnnnagn nnncccccnc ccngncncn gcggncnnng gcgggggggg gggancacct 300  
 ttttgngccc cagnnggcca cggncgcncg ggggggcnnn nngaacganc gcngnngnnc 360  
 nangggccga cnnngaaacc nncccggggg ancnnnggnc ggcnnggacg nancncnc 420  
 acngaggacc ggcgtgctgc cggggcaaga nggncggna gccgcancan gnggncgagn 480  
 angggccggc cgcnggggca cnagncnagn ggcccgcnc gcgncncgan ccgaagcagg 540  
 gggaggancn nacngcgggg anaaggggccc gcgcagcac ngganggcag gtgnggctc 600  
 atngganccn nnnaccngg angagggan ggngggcnc caagggggg gnnnangang 660  
 agcccgnnc gngcccaagc tgcagcccgc gcggggnnng gcncnnncn cgggggggga 720  
 ngaccnaaca gcgcncncg cggagacnnn ggangncnac agncncccc cgcggggnnt 780  
 ggggcganca acgcncggng nggggccnca gngaccgga ggangcagac accncncn 840  
 ncgggggnnn ngcngccgg gnnccggccc gggagancgg cgnncangn agngggaaac 900  
 gccgcnngn acccgcncg anagcgcg cgcgnnanag acccgngan cccngggng 960  
 aanggcggan acacngggng gggnggggtc tngcgcnnaa ncnggggccc tgncanncn 1020  
 ngccacgcac ncggcgcnng nggcnngcgg cgcgccgcg gancngagca ngggnggnag 1080  
 ccgcccnac cngnnncgc gccacgccag cggncgcac ngngncctc gggggcgcn 1140  
 naggcgncna ngcnncccg cgcnggggg gncgcggcnc gngccc 1186

<210> 2294  
 <211> 1338  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1338)  
 <223> n = A,T,C or G

<400> 2294  
 anaaccnncn gngccggnga cgnnnnnan gaaaaacnng nnanngannn gggaangagg 60  
 aaaaaangaa caannnaana ngaacannng ananggaan gnnnganga ngaaangcgc 120  
 aggaaanang nncaaanang gnnngnngann nnnacgagng agggnacgca gagaannnna 180  
 acgnanacgc gnnngnganc gaangaanat cgnagagana ggnacagaaa gnagcnnacn 240  
 acncnnccc nccnnggntg ggaaaaccn cgtttgggna aaaaccccc nngngnagna 300  
 nggaaanaac anngcngaga gnangnaanc ggaaagngna aacaaangna gnnngggggg 360  
 gngnaagnnt tnttttnaa tannagagan nggacnggga naaaagngg agnaanggaa 420  
 aancannnaa acncanaagc gnntntatca nagcgcacgn nngagaanna cgaacangnn 480  
 nacgnnaann ngnaantagg aaganngnnn aaanngaaga nananggaag nagccgnnaa 540  
 ancgaaangng aanannacgg gagacacgan naaannanc ncacnannna tagnaaatga 600  
 agagggnagg gnggngnnnt ganaacngga cggagngnc nngngaancn naagccacaa 660  
 gntnngcnaa angcggnnaa cnagacgaac gagacgnga cancnaaca nncnngnaac 720  
 acaaaagcca anaggganac nagaagnggn cgnntnnnn nnnngcaaag ggacacagnc 780

tggnaaangan	ngaaagnggn	gctngccnan	acggancaaag	gnaacgggaa	aagggggccg	840
nngaaaaaan	cnancncaca	nggggaaacc	aaaacgnna	acngntnnag	aaatacgnag	900
gggacnaaag	gggggaaagc	naacaagnag	cgagcnnngg	gagnannaan	ggggggnaga	960
cncngncgna	aggagggtnn	gnggnncnan	gancccnagc	acnngcngc	nggaaancnn	1020
cacnaagggg	cgagaanaga	ggnanaaggn	ganncgaaac	gaanannaac	aacnacaggg	1080
agggcnagaa	agcgagggna	cnangnactn	aaggcggaac	ncgaanggan	aaggnnnnca	1140
cangcacggg	aaagnnncac	cncnnncnan	ngngngaaaa	anggcnaant	cgctaaagag	1200
aanagnaana	ngaaccaang	ggangaanng	agggaaaaan	ncncngcnna	gnagantcgn	1260
cgnangagaa	aaaagagaaa	acagaanggg	anagcgnggg	cnancncnga	anggggagag	1320
aggcgcaagg	cnnatccg					1338

&lt;210&gt; 2295

&lt;211&gt; 1013

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (1013)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2295

gannactgaa	aaattntncc	cttaattaac	cttccaaggg	ccctattgnc	nngngngnnc	60
ttgttttttt	tggncccang	ggccaattcc	cccccaattn	ccggnaattt	nccccggtgg	120
ggaaccaatt	ttttgggggt	ttttttgggt	tggtgtnccgt	ggcctttaaa	aaaaaatccn	180
accnttaaaa	atttaaaaag	gccctttngg	gtngggggtn	tnggccnncc	caaccaattg	240
ggaaccgaaa	aaaaaagggg	gggnaaaaat	ggcccanttt	ttggccaatg	gnaacancaa	300
gccattttcc	aataaggggt	tcccngggc	caccnttttt	tggttttctg	ggaaccaagt	360
tattttttta	ccaagctttt	aattggaatg	gaaatatatt	ggtacttttg	gaattggccc	420
tggtttttct	ctttctttga	tttngatccg	ctactgtgtc	agtgtttgca	atcagattgc	480
gtctcacctg	cacatacatg	tctttcagaa	tcaaggtctc	tacagctcat	tctaatacat	540
attaatgatg	taattgggtat	ataggaacat	catgttttct	gcaggaaaga	aagtaacata	600
ttaaggggaga	atgggggtgg	ataaagaaca	aataataatt	ataataatca	atgntgggtat	660
aacttttatt	ctttattatt	ggtaaacacg	cctaactatc	ctgtgtgaga	atgggaaatt	720
tcaagtccca	tcttgtaaat	tgtatatgtt	ggatcatgcag	ggtttggggc	aagaaagcat	780
tgcacaaaaa	aatgcccatg	tgattgtaaa	ttatcctggg	attcannaat	aaatactgng	840
gatgggggag	cccccatccg	cagtgggtgg	gaagaagtgc	ctaattggtg	gactgggttg	900
ccaggcccaa	aaagaatgaa	tngcttttaa	taanttttaa	caaaatcatt	gggccttttt	960
antaaaccat	ccccttggtt	ttaggggggc	cttcttcaag	ccctntcctt	tnn	1013

&lt;210&gt; 2296

&lt;211&gt; 1694

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (1694)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2296

cgacnttnnc	gtgtntatga	gnnnnntanc	ngataaaagn	ncgtgtngnt	nnntatatnt	60
nnntnntant	antntnacga	nnctgtggat	ncngntgtgc	atgtgaggtg	atngnctnat	120
tcgctntctn	gtnttcgnc	gnntgtatgn	tnatgantat	gtnnngaga	tgtgtgnatg	180
aatgntanta	nacnnnnnan	attgtngaaa	nacccnctt	cgnaaaagaa	ccccnggtn	240
ngttatatgt	gtantactnn	cgctntnatn	ngtnnccgac	gccagagtgt	tnagattnga	300

tgagnnntan	atgngtgggn	gggggngggg	gntgantgta	tatgtntnat	aatntaggt	360
ngntangtnt	ngagngtatg	tggtngtag	acagncggnn	gtgantgtnn	ngtnncttta	420
naagtatggt	cgtctatcgc	gnnattgatt	ntttattnca	tagngttntt	antgtnggan	480
gtttnatgnt	acanantngt	ngagnanggt	cgattanttn	nnngggcgng	gngagatgmn	540
ngnnnatgac	agntngngcn	gtcntgagan	nnagnggtgt	ngngnncttt	cnnangtga	600
gntttanctt	ntcgtnttga	cnnnggggnt	nnaatggncn	ggnggttagg	atgtnanntn	660
ggntatnagt	atgagnnnng	gnnnnantcg	annnncataa	atgtangnnn	tgtgtgatg	720
tgnnncnang	gngantgggg	aantnngtgg	nnnttatagn	natnatcgan	cgtgttcnaa	780
tgnttgntgn	cgnnnnnncn	gnnatgtnat	gcnnnggtgc	nntnnnnctn	gtgtgnntta	840
aanctntgtt	gggttgggtg	tgtggtatga	tngcaggncn	tngtatctng	tnncnanatg	900
gangagcgga	tgntggtnan	atatnngata	ngnggatnga	gngntcgat	gaggnatgng	960
ncgcgngtat	gagntcgat	ggtgnntnta	tanangggtn	tnccgcggtg	gtngcncgtg	1020
tgntnnnctt	tntagecgnt	nggntgcgta	ctanntgna	ggggnnnaa	anntnnntnn	1080
aacntaanng	nnncgctgcn	angntcgcg	ncatctggt	ncgntngaag	aatagtnta	1140
gtgacgagcn	ggacgttcnc	tgcnntatna	ccnnacncgt	gngataacta	nnagatgagg	1200
tnncgactgg	anatntttnn	atnatcatnn	aatnttnang	angggaagga	nnctgccntn	1260
ggngggagat	tntntgngna	nnccgngatg	nnntcgngan	cgtgatngna	tanggggnant	1320
aggcgnttag	nanttggtat	gatgaagggg	tctataagcg	tggtngntt	ggtgntgagg	1380
tatgagacnn	anatgtntag	atatnctata	tgaggatgan	ntangggctg	atgtcgatgt	1440
ctnggggtntn	tntnggataa	tngcatacgt	cgntntntnn	ngancntntn	acagtttana	1500
ncgaaatata	tntannccgt	gcgacncaaa	tatgaattga	tacaatacgg	tgtangnggt	1560
tttatgtatn	tgangntgan	angtgtgtna	ncnttatgat	gacnggtatn	atcgtatntg	1620
ccggtancnt	cgnatntgta	natgtgaacg	atntcgcan	gnnactantn	tgcntatgtn	1680
tnnnantgat	ccgt					1694

&lt;210&gt; 2297

&lt;211&gt; 768

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(768)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2297

taatncgata	ctcacgcttg	catgcctgca	ggctgactct	agaggatccn	nattccgcac	60
nagacanaac	ctcntnatta	aagacaaatt	tatcagaaan	atgggtgcac	aaagagggct	120
ttantggctt	naagaggtat	gtgaccgntg	ccgatgacan	ngagctngaa	gccaanatcg	180
cagttgttga	aaagtataac	atcagngatt	ccagagctgg	tgcaaaggga	tagaaaaatg	240
ccatatatga	agatttgac	tttgcntagt	acattctggg	cactgngcac	aaagccaaag	300
gcctgnantt	tgacactgtg	catgttttgg	atgatttagn	gaaagtgcct	tgtgcccggg	360
ntaacctgtn	ccagcttncc	cacttcagan	ttgantcatt	ttctgaggat	gaatggantt	420
tactgtatgt	tgagtaact	cgagccaaga	agcntctcat	catgaccaa	tcattggaaa	480
acattttgac	tntggctggg	gagtacttct	tgcaagcaga	gctgacaagc	acgtcttaaa	540
aacaggcggtg	gtgcgctgct	gcgtgggaca	gtgcaacaat	gccatccctg	ttgacaccgt	600
ccttaccttg	aanaactgcc	catcacctat	agcaacagga	aaggaaaaca	agggggggct	660
accnnttgnc	ctccttgnc	ggagcaacgc	atcnggcccc	ttggcgtttc	ttgaaagnct	720
tcccggacan	gtgcgcccc	atggaaccgc	actggnggan	aaaaatcc		768

&lt;210&gt; 2298

&lt;211&gt; 1407

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;



<221> misc\_feature  
 <222> (1)...(1407)  
 <223> n = A,T,C or G

<400> 2298

nccacaan	ca	atanaggaag	gn	gtt	gt	nga	nn	ggg	gan	tan	aa	ag	na	anaa	nt	ng	nn	nt	nc	60			
acngacan	an	gntnngnanc	na	ag	at	nn	aa	nc	ga	ag	ac	ga	tt	gan	ta	cn	gt	ca	anaa	ag	120		
ggt	nant	ant	cg	aca	aga	ca	ag	ca	ca	ta	ng	ag	gg	gc	gn	aa	ac	ga	tn	tt	180		
annang	tana	tn	ct	na	cn	ga	cat	gt	tn	ta	cn	gn	gc	ag	gn	nn	an	at	nn	ga	240		
ntcac	nanan	nan	act	gn	gg	aaa	ac	cccc	tt	ct	gc	an	an	at	cc	at	ac	cg	ta	nan	ta	300	
gn	nc	gn	tna	at	act	gc	gn	nn	aca	ac	anc	gc	ac	nc	cn	nn	an	nn	nn	ca	gn	360	
cg	gn	cg	nan	nn	tag	gn	ng	gg	gg	gg	gg	gg	gg	gg	gg	gg	gg	gg	gg	gg	gg	420	
cg	ct	nn	tana	cn	a	act	ga	tg	aan	nn	ac	cn	g	ac	cn	gt	tn	gn	gt	ct	anaa	480	
tc	ng	ag	can	nt	nc	ata	at	c	ann	an	at	g	ct	na	ac	gn	nn	c	at	nag	an	gn	540
ga	tn	nag	gn	ng	tn	cg	nt	a	tn	nn	ng	nt	g	tn	g	nn	ng	gn	an	gn	an	gn	600
gan	nt	cn	ac	nn	tn	gn	ang	t	ga	tn	cg	tn	nn	gn	nn	aa	cn	nn	aa	an	tg	ca	660
nt	ta	a	at	tan	cg	nn	a	act	gt	ag	at	ag	nc	cn	nn	an	ag	aa	tn	cg	nn	nn	720
nn	an	tan	cn	ga	ag	an	gan	nn	cg	nn	gc	gn	gg	an	cn	gc	gn	cn	nag	ac	nn	gt	780
an	cn	tg	t	caa	ga	tn	tn	t	act	gg	nc	ag	cn	a	tn	ag	gg	ga	na	an	nc	ag	840
ng	nn	ng	ca	ca	ta	ca	ang	nc	nag	gc	nn	ng	gn	cat	gn	nt	c	nc	gc	nc	ac	an	900
aa	n	att	cn	aa	nn	ag	tn	ag	nc	naa	cn	ta	nn	gg	cg	ga	an	gn	nn	ta	aa	ng	960
nn	nc	ac	gn	nn	aaaa	at	an	ng	an	ca	ac	an	ag	tt	an	nc	cn	na	act	gn	cn	cg	1020
gan	ng	cn	cn	aa	ac	nn	nn	ng	an	gc	an	c	at	nn	nn	ng	gn	cn	ng	ag	nn	ac	1080
ng	ng	cn	cn	aa	a	an	ta	at	tn	ng	gg	gg	ga	ca	aa	an	ga	ta	gg	gg	gg	gg	1140
aa	tg	gg	gg	at	c	ga	an	ac	na	a	at	cc	an	an	t	gg	nn	ag	cn	tg	gg	cg	1200
na	at	ng	ga	an	ca	cn	cg	gn	tn	nt	tn	at	ag	gg	n	ata	aa	gn	nn	an	gn	gn	1260
an	at	an	ann	ac	gc	ca	ana	ac	tc	nn	gg	tg	tt	aa	ag	aa	at	n	ct	nn	naa	ag	1320
ga	gc	gg	tc	ac	ta	ga	an	gc	gn	gn	ag	an	gg	g	ct	gt	nn	nt	tn	cn	an	tt	1380
nt	cn	nc	an	gn	ag	ga	ac	nn	ga	ct	gn	ng											1407

<210> 2299  
 <211> 717  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(717)  
 <223> n = A,T,C or G

<400> 2299

nt	nan	tc	nn	tc	gn	ga	ga	ac	nc	ac	nt	tn	nc	ag	cc	nc	ct	gn	ag	gc	cn	ag	ga	60
cat	naa	at	at	at	tn	ct	gt	ag	ag	aa	tg	ag	cn	at	at	gc	gg	ct	ac	ag	tc	caa	ag	120
gg	caa	tg	ct	ct	ct	gc	ag	gg	gc	ct	ga	aa	gc	ct	g	ac	gg	gg	cc	cc	aa	ag	ta	180
cat	cg	ga	tt	g	cc	ac	ag	ag	ac	tg	ac	ca	g	at	tg	gg	ct	ag	aa	tc	at	ag	ag	240
ca	ac	g	ag	ac	ag	tt	ag	aa	cg	ta	cc	aa	ag	ag	ag	ac	ta	g	ta	aa	ag	ta	aa	300
aaa	ag	tc	gg	ag	at	tc	tc	cg	tt	ca	at	gt	cc	ag	aaa	ag	ta	ca	ac	ca	aa	g	tc	360
tc	ca	tt	at	ca	tc	tt	act	tg	ga	gt	cg	cc	at	c	ct	gg	g	ag	gc	tc	gt	tt	ct	420
cg	ca	gc	cc	at	ga	act	tc	at	ag	gg	ga	gg	gg	tt	gt	gg	ac	ca	ga	act	tt	g	ac	480
cat	ga	tg	tt	ga	gg	ga	tg	tt	ga	ta	ga	ta	ag	gc	at	at	tg	ct	gc	tg	gg	g	ct	540
at	g	ca	ct	g	ta	acc	ag	g	ct	g	gg	g	ag	gg	g	ag	aa	ag	at	g	aaa	a	cc	600
ag	ga	ac	aa	ca	gc	ac	ag	ac	ag	at	at	gc	ta	ac	aa	gg	ta	ta	at	g	ct	gt	tt	660
tt	tt	ann	aaa	aaa	ann	nn	nn	nn	nn	nn	nn	nn	nn	nn	nn	nn	nn	nn	nn	nn	nn	nn	nn	717

<210> 2300  
 <211> 765

<212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(765)  
 <223> n = A,T,C or G

<400> 2300  
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 caggaataat gctgacatac atacatatnt atatatatat gaagagagag agagagtcnc 120  
 acacagacag acagacacac ggagtctcgc tgtgtcgccc aangetggag tgcagncggc 180  
 tcaatctcag ctactgcaa gccctgcctc ctgggttcac actattctcc tgcctcagnc 240  
 tnccaagaag ctgggactgt aggcgcgccg caccatgccc ggctaattct ttgtatgttt 300  
 agnanagacg ggggtncacc gngttagaca ggatgggtctn gatctcctga cctcatgatc 360  
 tgccctgcctg ggccctccca agtgctggga ttatangcgt gagccaccac acctgnncat 420  
 aatgctgata ttttagntca gggctatgcn ancaacatta cagatgttgt gaangactac 480  
 atgttctntt gtncnaattg tccctttaa atnaggagat tncaaacaaa tatttgaagc 540  
 tctttgagga ggggcttttc agatttaaag tgataaacct tattagtntc tctttaggca 600  
 gagaactgaa gatacatgta tatctcanct ttgtgagtgg aaattctctt tcanacttta 660  
 acattgaaaa gttaattcna aattcttttc tcatatattc atgggccttg gtaaatgatg 720  
 ggccgaanat gtctgttaa cttgagaaaa ggagaaaaat tnttt 765

<210> 2301  
 <211> 755  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(755)  
 <223> n = A,T,C or G

<400> 2301  
 gntatnctt caagctcttg ttcttttttg aggatcccat cgattcgtga aggtctacaa 60  
 cccagttagg gcagaatgga ggcaaatgaa taatatccct ttggtctcag agaccaacaa 120  
 ctacagaatt atcaagcatg gccaaaaatt gttgctcctc acctctcgca cccacagtg 180  
 gaaaaagaac cgggtgactg tgtatgaata tgatattagg ggagaccaat ggattaatat 240  
 aggtaccaca ttaggcctct tgcagtttga ttctaacttt tttgcctct ctgctcgtgt 300  
 ttatccttcc tgccttgaac ctggtcagag tttctcactg aagaagaaga aataccaagt 360  
 gagtctagca ctgaatggga cttaggtgga tttagtgagc cagactctga gtcaggaagt 420  
 tcaagttctc tttctgatga tgatttttgg gtgcgtgtac cgcctcagtg aaatgcacag 480  
 gatcaacagg gtttgnrtga actagattga aacactaagt tgtttttact gttttggaaa 540  
 atatcttaaa tatccttttt gttcctaaag gagaggaaaa gttgattaac ttctgggttg 600  
 gtttagaaaa agtaatgttt gaaatacgaa ggtaatttaa tgttacaaat tttaacactc 660  
 aaatcaacct ttttaataatt ttctgtgcta aggggtccagt attatttgga ttatttagta 720  
 tggttatgtt tcatgacact aatttagtct ttgat 755

<210> 2302  
 <211> 729  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(729)

<223> n = A,T,C or G

<400> 2302

tttaaaccctt	ngaatcgac	gagaccgga	ccagaacatg	accggctggg	cctacaaaaa	60
gacgagctg	gaggatctca	ggtttcctct	ggtctgtggg	gagggcaaaa	aggctcgggt	120
gatggccacc	attggggtga	cccagggtt	gggagaccac	agccttaagg	tctgcagttc	180
caccctgccc	atcaagccct	ttctctcctg	cttccctgag	gtacgagtgt	atgacctgac	240
acaatatgag	cactgcccag	atgatgtgct	agtcctggga	acagatggcc	tgtgggatgt	300
cactactgac	tgtgaggtag	ctgccactgt	ggacaggggtg	ctgtcggcct	atgagcctaa	360
tgaccacagc	aggtatacag	ctctggccca	agctctggtc	ctggggggccc	ggggtacccc	420
ccgagaccgt	ggctggcgct	tccccacaa	caagctgggt	tccggggatg	acatctctgt	480
cttctgcatc	cccctgggag	ggccaggcag	ttactcctga	ggggctgaac	accatccctc	540
ccactagcct	ctccatactt	actcctctca	cagcccaa	tctgaagttg	tctccctgac	600
ccttcttttag	tggcaactta	acttgaaaaa	nggatgtccg	ctttatncaa	aattacagct	660
attggcaaat	aaaacgagat	ggataaaaaa	aaaaaaaaa	aaaccccttt	aaaaaattta	720
gnngagtcn						729

<210> 2303

<211> 778

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (778)

<223> n = A,T,C or G

<400> 2303

gactatctct	ttcaactnct	tgctcttttt	gcaggatccc	atcgattcga	attcggcacg	60
aggagagtgg	ctaccttaaa	aatgcntttt	ttgaagaact	gtaacctcag	aggagcaact	120
ctggcaggaa	ctgatttaga	gaattgtgat	ctgctggggg	gtgatcttca	agaaccaacc	180
tgagagnggt	ccaacgtgaa	ggggagctat	atttgaagag	atgctgacac	cactgcacat	240
gtcacaaaagt	gtcagatgan	aatttttagg	gctggaggaa	gatgtaaaag	atgaaaaatgt	300
tttctttatc	actttttctt	ctccaccac	tcagttgtct	agaagaaata	acactgtaag	360
gaaatttaaa	aaaaaaacat	ttagaggatt	atgcttggtt	tgagtgggtc	atangggaaa	420
aaactgactt	ttttttccat	attctgattt	ttaacagaaa	agcactcatt	taatagatgt	480
anggaaacta	gatattgctg	ccttttgaat	ggggtagggg	ggtttacctg	gttttatgac	540
caggcatagt	atctattata	tttgctttta	aataggcatg	atgtggaaat	accatcttgg	600
tttgagatgc	atgtgaggat	tttaatttat	ggaaagcccc	accatattgca	attatattta	660
ttggaattcc	tangatgcan	ntattggatt	atttnaaatt	ggttaaaact	ttatgaaaac	720
tttgnaaaaa	ggttggtcan	gtttataaat	agctttaagt	gatgccctec	cttntttt	778

<210> 2304

<211> 1609

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (1609)

<223> n = A,T,C or G

<400> 2304

ncnnncgnnn	nttgggntg	ncnnntnnt	cntcctcnc	ncggngggng	gcnnngggtn	60
ntgtananga	ntgcngntnn	ctntgcccnn	ccccnnnnnn	cggtgctgct	cgangagncg	120
ccgaggatat	ctnnnnnnnc	cccccnttg	cggcgctcgc	gggggggggg	ggggcgcttt	180

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ttttttanac ggcncncnccg ncacnnggggg gggggcncntt ncntgcccnc nncgctactt 240
ccnnttttgg aaccgngngn gcnaangaann gaagggcnnn angcgcgceg gtgcnnngtgc 300
tngtngcggn cnggcgtngc gngtggtgcg nnnnggcana cgtcgcgncn gnnngcngnn 360
gcatnngcnc tngnnncnng ggggcnnntgt gtannntaat gancgcnnc cgnagacngc 420
tctgggactc tgcnnnnngg ncggcgggcg gtangtagng cgtngtgcg ntngcngtct 480
ntangctcgg agcnggagca cnnnnnnncn gatgacgnnt tgcnnngng ngctntngan 540
gccgtangcg ngtnctnnnn ggtagngnag ngttcgactn ngtcacgtgn agttgactct 600
gtngnnngcn ccgnactgnc cncctgcgngn tgtgngtgn ngctaactgn nnnnggntcn 660
gnaagtanga ngacgccggn ngtgttganc gntgnggtcg gngnancgg cngtnnggga 720
agcgtggtgg tnngecctnn tnnnggtgtg ggagcnnctg nnagntgang gnncggtggn 780
ngnggctcgg cnatcttcgg ggngcncng tntnccgatnc gctctctngn ttgntngnnt 840
gnnnacgccg cncgatgccg cgngnngcgc gacngcgctc gngngctgcg ncgatatcgn 900
tacannaggg gaatgggaca taccgngnng ntngtgcncg tctnangnga ggnngangcg 960
cgntganat gagngagcn gngagtgtnt ctgannactg gagcgcgcn gtcgnttctnt 1020
cttcngacg tacatctcac cncgcncatc ggtgcgcgcg ctcggannag gtacgcgcn 1080
ntctngntgn tnnntncant cncctnnngn agnacgncng gngccggtan ngagnncgnt 1140
cnnacagtn gngnnnnnngn gacanagnn cncacgatnt gcnacgagcg cncntcagan 1200
ngangtgctg atgtgngcca cgnantagng tgcgtgatat nggcngtcat ggcgtngtg 1260
cgtncagtga gcngcnntg nntcntgcgt gcancgtacg nnacacgcga gacgntctnc 1320
gngctgtgca cngcgcnncg ngntnatag gcacacnggc atcngcgna tantgctgag 1380
gggancgnt gcncgnaann gcgacgtngn ntgnnnacan agacgngtg atttcacng 1440
gccgnggnt gnnncgnggc tggntcgnnn tgnngncgtg cgtccnagtc gcgntganac 1500
gnggcgtcna nagncaatn ggagccgngc gagngtaga tggggacggg agntnatnga 1560
cggtggccga nacgtgtccg agcttcgceg ctggtngngc accgnggcc 1609

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&lt;210&gt; 2305

&lt;211&gt; 1021

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (1021)

&lt;223&gt; n = A, T, C or G

&lt;400&gt; 2305

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gnggnannga nnnngnnangn aangnnagag nngnggngn nnnnnnangg ngnannnnnn 60
cggnnnnnnn nnnnnnnnnng aaagaacctt gaaaaaccgg cntntnngca gcacccangc 120
gncganagng ggnacgaggg tcagaaaaa aaagcaaaaa ncatttnttg cggcgagcac 180
acgacagann ggggggggggt gnnngagaga cagngccggn acgagttnt cgnnnccatn 240
ggggncaaag gagnanggn nagcgnntc gctcanacgc ngccgngcng gggtagacanc 300
ngcnaggngg aaagnagnan taacnaagg tgggngagt gaggntcanc ctggagangg 360
nggctacnaa ggggagcng ngcacggaag ngannagann gtccnggaca aanggaccgt 420
gaccggcana cnggaganga anccgggaan tancnganga nctncnganc nnagangcnn 480
tgtnnegcan cggngacgc ngagnnnagn ngtnccggg ntngaannag gaagngggaa 540
aaaggcnacg angngnnngg nngggagcgg nngcngaggc tcgaagnant gnggccggn 600
gagcgnancg catngggggg anngcannna gaacgaagag aatggtaggg acncnnnaan 660
nggcgagggg ntgtaaaagn nacncnggga acgnggngg aaangncgag anncgnggna 720
naccggggng gtgganaaat ggtnnnaaan aanngccatg agggggccnn nacannnccn 780
ccncaacac nnagnncngg gcgcgaaagc antanggnat angnnnnnna gcacgtntag 840
agtgnnaang aggggggtnc aganaaggng ccnganccta aacaatagaa aaagggggca 900
tngnannata caggggggnc tntanagatt caacgtcngn acggangcac acggtggggc 960
gangcgnaca cngggggggg tgancnanag taccnagcga gngccgntgt gnnacnatnn 1020
n 1021

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&lt;210&gt; 2306

<211> 757  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(757)  
 <223> n = A,T,C or G

<400> 2306

nttttaaaacc	cctttgcgaa	annaggganc	agtgtgtaaa	gtacaaaaac	cagctggggc	60
gtggctcgcg	tcattggtgtg	gaccactgtt	gttttagactg	anctgggnan	ggatggcttg	120
nnnccttgna	agnncaaagg	ctnttngtga	tctttttgtt	tcncctcctg	nactctancc	180
tgggttgaca	gancaagacc	ccatatcaaa	aaanancggc	cgggcgntgg	gggctcacgc	240
ctgtcattcc	ancanttttg	gaggctgagg	cgggtggatc	acaagggtcan	gagatcgaga	300
ccatcctggc	taacatgatg	aaaccccgtc	tntactaaaa	gtacaaaaaa	aattanctgg	360
gttgtggtgg	cgggcncctg	tagtcccagc	tactcaggag	gttnaaggca	ggagaatggc	420
gtgaacgcgg	gaggcggact	tgcatgagc	caanacgng	ccactgcact	ncagcctggg	480
cgacagagca	tgaccccatn	tcaaaacaaa	caaaactgtg	atgataaaaa	gcgccataaa	540
cactaatttc	aaaccatgct	actctgtctt	aaattttcaa	atagctttgc	acctgaaata	600
caaaattaag	ttttgggaaa	aacaagtttt	taactgngtt	gctcacaaagc	taattaaact	660
ggntaagttc	tgccatgtga	aagggtaaaa	aaaataaagt	tcattttttg	gaaaaaaaata	720
caaatctttc	tanntnttat	atctttntnc	nttnnnt			757

<210> 2307  
 <211> 1175  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1175)  
 <223> n = A,T,C or G

<400> 2307

atggggggann	nnnnnnnnntn	ntnnttttta	ncccgatnaa	ttcccttnaa	nnaatttcca	60
agaaanccct	tngggccatt	ggggccctt	ggggccaaaag	gggnaaanacn	aaaaacattn	120
cntaacannn	ngggntaaaa	gcaacaccnc	nannggtata	ncnctanag	gnctctcncc	180
nataatantga	agangganac	atnatnnatn	anngnaanna	aatntttnt	ntnacaaaaan	240
ntttcnacat	ggcggctcnc	ntanntatnn	taaaanagcn	ggngntatca	tntatncgtg	300
aaacaaanan	ncntnncgnt	gatttacccc	naaaatataa	aatctnaant	ncncnangna	360
gaanactntn	anttncaaca	aannntngt	nattaancan	aanannaacn	ntnannnnac	420
ngnttctntt	ncaanantat	ctcannncta	aaatangtna	aancnnaang	cacctctgtn	480
annggannca	ttaagcacan	ntnngttnan	tangagttac	nntatatnac	anaantngna	540
tnaanttnnt	aaacnccnta	nccgacnant	naattnaacc	taatatntcn	atanattttc	600
annncaanaa	tnannagatc	nnatcnngna	nancnnntaa	aataagtgnn	nctnacanat	660
ntnanntnan	nntgaanaat	taacagngnt	ttaaannngna	naccnnttga	cccncataaa	720
aaaaanctat	ttanntaaat	agtnnatngn	gatttaacca	nataatantg	naancnccat	780
ncacactnnt	agaatannac	acacggggnnc	tataatacnc	taaccntnt	tttanacacc	840
atntctncta	anatantcac	actattaacc	aatanaaaacn	aagatcgggg	gaatatcatt	900
tgcncaaate	aaaanaaaat	cngggataac	caaactactc	nntaaaaacac	cttantgagg	960
nggggggnaca	nanataanat	ttnganactt	aaatnaaagc	ggaaanncat	gnancccntt	1020
tcccgccctt	cttatttaac	nnntnaaang	aaaagnnnag	gcnttttctc	tctatnnata	1080
ccancanctc	cnanantang	taaaaaatna	ntnanntgna	gnaagagttt	gggggntnna	1140
tnnccacna	nacttttgna	agaangcngt	ttncg			1175

<210> 2308  
 <211> 861  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(861)  
 <223> n = A,T,C or G

<400> 2308  
 ncagnccean tcaaagcncg ctgcctgnaa aagaccatc gattcgaatt cggcagcagn 60  
 ggaggaagca nnagggaaat cntgacgctg caaantgcnc aggcncgaat acggatgggtc 120  
 ctgcctatn tggtngetca ntagaacctn tggactnggg gtgtccncgg tgggctcctc 180  
 gngctgggat ccncnacgtg gatgagagtn tantgggctc ctnccaaggc cnntgtntcca 240  
 nttgncgaca tcaaccctta tgcngtatca caagacngac ctatnngggc ttctctnagn 300  
 tnangcatec ncccgtcttc agctntctgc cctgcagagc atactgntgg tgcctgacac 360  
 cgcaaatctg gagecnttgg ctgatggana ngtgatncna taccgacnan gaananatgg 420  
 ggatgacata tgcanaactc tcnnantatg ggaaactcaa gatngtggcn aaagatggng 480  
 ccctacaann tggtntgcaa anttctcag gatntngaaa cacntctgcc cccctgaca 540  
 ngtcncnntc aaagagnaac ngngntntc tttcaagttc ttnccttgaa cncganacaa 600  
 agaaggactg acgcttttnc caactgagtg gcctacngcc tnnanacata gcaatncctt 660  
 gaangaacac aaaagggntt ttgancgtgn cgaaaccaat ttccttggn accgaancca 720  
 caaattcttg ngccccttag ggaaaaagnt tnttcanggg ggccnttaaa aaaaannaaa 780  
 ccangggggg ccacaacnag ccattgggga ggccccttaa taaaanaaac ctcataaan 840  
 ccctnaaggt aacgtggaan n 861

<210> 2309  
 <211> 777  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(777)  
 <223> n = A,T,C or G

<400> 2309  
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 aaaagaaaaa gaaaaattga gccttgggac gtgcccattn ttactgtaaa ttatgattcc 120  
 gtaactgact tgtangtaag cagtgtttct ggcccctaag tattgctcgc cttgtgtatt 180  
 ttatttagtg tacagnacta caggtgcata ctctggtcat tttcaagcc atgtnttatt 240  
 gtatctggtn tctactttat gtgagcaagg tttgctgtcc aaggtgtaaa tattcaacgg 300  
 gaataaaact ggcattgnaa ttattttttt gnntgtnttt tgttttttgg ctctttcaaa 360  
 ggtaatggcc catcnatgag catttttaac atactccata gtcttttccct gngngntag 420  
 gnctttattg ntattttttt cctgngggct nggggtggggg tttgtcatgg gggaactgcc 480  
 ctttaaatat ttaagtgaac ctaccnaaaa acacaaaacg gtgatgggtt gngttangct 540  
 tgnatngaag gctgacttga catctnttgc cttgacctcc ggtatgttnt aaagctgnnt 600  
 ntgaanatct ggatcttgcc catccttttg gntagnccn ggnctaatta aatttggtt 660  
 tnttccaatt tttttttact tcccttttct ccctttncng gaaggcatta aaatgctngn 720  
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<210> 2310  
 <211> 1391  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1391)  
 <223> n = A,T,C or G

<400> 2310  
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 ncnnngcggn ngnnnnnnnn cncgcgnncn nncnngngcg cnnngnnant cgcgngannn 180  
 gngnncgcnc ncacngcgn nnanncgenn ncngcncnn gcnnncnnnn ccnccnagn 240  
 ntngancacc ttcctntaa aaccaanncn nccccncnt nngngggtnng nannngnanc 300  
 gcangncccc annccnncnn nngcggnnng ggncnngnng ngggngggng ggcgagncna 360  
 nngtntttt ttttnngcgn tgccnanncc gggngcngan gacgacgggg gggggtgncg 420  
 aannngcng gncgcgcgg gtngnngcg ttangcncc nacaanggg gcncganccg 480  
 gaccngcnc ngtnannngn gncntgann ngnaanacgc agngtgcng acacggnnac 540  
 nacgtcgang agtgnnnacc ataaggagan gggnngggnc acaggcgacg ngnnnaggna 600  
 gggaagganc cngnngcg gngcngcnn gacnacncac cngncgcggc gcggnacnnc 660  
 nncgacancn ccgganacgc ggngcggcna cggcngcgn ngggngacng cacggnnann 720  
 gncgncncac naggngncan cgnnnngcct gggncgncnc ngnnntgncn cnangggang 780  
 gtnnncnaan nnggncgagc anggaagnng acgacanata antcgggaac ngggcnanna 840  
 nnggngnggg gggngggcgc gnggccaggn agcggncatn ncgncnann nngnacaang 900  
 ggcnnnangc nccatgna ngggggagg ggcncacggg aggggcgcgg gaagacnacc 960  
 cngggnggg ngacngggan gnnatgggn ggaccnngnc cntgggcnc aagcaanggg 1020  
 nggngnacc cngnggctc ncncgcctca gnaaaantnc cngnanangn tnangcccca 1080  
 cgggcgngc ngtgngng ggggacgcc cnggtananc cccnnggnta ncctctagg 1140  
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 nggcnggcac gnagnggcc gngaagatgan acaccagcg cggncgncn cangaccnng 1260  
 gggcnancnn gngnccaagg anctnctggn cggcagggc ggcaagggtga gggnggtnc 1320  
 acncgnanaa agacgagggg gcgcggcgcc gcgcgcangn cngggggng ggggccgatg 1380  
 ggcggnnnn g 1391

<210> 2311  
 <211> 736  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(736)  
 <223> n = A,T,C or G

<400> 2311  
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 atatctgcta acccatatct agggggcacc tccaacggct atgcccacc cagcgggacg 120  
 gcacttcatt atgacgatgt ccggtgcac aacggctcgt gggaaccgga agacggcttt 180  
 cctgcttct gcagcagagg cttgggagaa gaggtgcttt atgataacgc aggcctgtac 240  
 gataacttgc cgctccgca catctttgcc cgctactct ctgctgacag aaaggcctct 300  
 aggtgtctg ctgacaagct gtcctctaac cattacaaat accctgcctc cgctcagctc 360  
 gtcactaata cctcttctgt ggggagggcg tctctcgggc tcaactcgca ggtacggcat 420  
 cttcttctgt aagattctag aaccaccttc aagtcacatt gctccaacag agttttgcaa 480  
 cttgtagtaa atgggactca tcaaaggcaa agcataatgt gttnttttt ctcaactaga 540  
 atataatttg cagcctgact accaaggaac tgatgaaata tttcttaacg agctcatggn 600  
 ttatctganc actgtgtttt tttgccaca tntggctctt tttctgttnt tggaaaantt 660  
 ccccantga aattttngng aattatgtca acttaaangg cagagaagtt tnaaaagaaa 720  
 ccgggttata aaactt 736

<210> 2312  
 <211> 774  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(774)  
 <223> n = A,T,C or G

<400> 2312  
 tcnatncgnt cagctcttgt tctttttgca ggatccctcg attcgaattc ggcacgagaa 60  
 aaatatgggc tgggattaca ggcgtgagcc accacaccca gcctttcttt tagtgcttta 120  
 aatatattgg ccctctgcct tctggcctcc aagtttctga tgaaaaatct gcttgctcatt 180  
 ttattgagga tcccttgtat gtgacaagtt tcttccctct tgctactttc aggattctaa 240  
 ctttgcattt caaaagttag actataatgt gtctcagtggt gggctctctt gagttcattt 300  
 tacttgaggt tacttgagct gcttggatgt ttatatgcat gtctttcatc aaatttgga 360  
 agttttcagc cattatttct tcaaactatg tcataagctg cataatgaca ttttggctcat 420  
 caatgaactg catatatgat ggtggctctc aaagattata atactgtatt tttactgnac 480  
 tttttatggt tatatgtact tagatacaca aatcttacca ttgtgttata attgcctaag 540  
 tattaataac agtaacatgc tgtcatattt gtagccttgg agcaataaag ttatatacca 600  
 tataagttta ngtataccag tagcctatac cattgtagge ttggtataag tactctctac 660  
 gatngttcac accaatggtt ggaaaatcac atgaaggatg tatttctctca naaacatatt 720  
 ttttgggttg ttaaagtgga tgccatgaac tggatantct tctcttgnc cttt 774

<210> 2313  
 <211> 729  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(729)  
 <223> n = A,T,C or G

<400> 2313  
 nttaaaccce nttegattcg gcacgaggeg atgnnnnatn ctgntnaatg tncctnncan 60  
 tntnaccnna cggntgnact tcaatgttct ngtgaannac tcacncaggg atcgectcgc 120  
 cntnnaggnc gtgannatna ggtgnncaat agnntgtgac gcaccgtgca aggnaatggn 180  
 cggcaagcat ctgggnnaaa anaancntac nctttggctg ctcttgaaga atgaannacg 240  
 acgncncctn gcngaacnag aagccttnga aaacagactg annngncnc gcangaagaa 300  
 ctggacntgn gntgatntgg cangngagcn atcactatgg ggnaaacatg actattatnt 360  
 cnttnnnngn ngtgcnnntg ngncngtngn gtnagccnng ctcatcannc annatggcan 420  
 nnnnnaantg ntgggntctt tcacngncnn tnncttggg tntntannan tngttcnanc 480  
 cngnttatn caantgttct tttntngann atgntntata ttgacatnca tntgngnatt 540  
 ctntnaggtn tntgtgagan ggacantntg tnaaactcta tcttanntnt ngtcctntga 600  
 ccgncaccta nagtantgtg tncaagtgga cncctgactg aaactaaaan ttntgntacc 660  
 gcttagetta ntngctgact tacntncttt tggncattgg gctnccctga ctttctntc 720  
 atttaatca 729

<210> 2314  
 <211> 760  
 <212> DNA  
 <213> Homo sapiens

<220>



<221> misc\_feature  
 <222> (1) ... (760)  
 <223> n = A,T,C or G

<400> 2314  
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 gataaaacag gaatttttga gcgggttgac cgaagggttag tgtacaaatt tggaaaaaat 120  
 gcacacgggt ggcaggaaga caagctatga tctgctccag gcatcaagct cattttatgg 180  
 atttctgtct tttaaaacaa tcagattgca atagacattc gaaaggcttc attttcttct 240  
 cttttttttt aacctgcaaa catgctgata aaatttctcc acatctcagc ttacatttgg 300  
 attcagagtt gttgtctacg gaggggtgaga gcagaaactc ttaagaaatc ctttcttctc 360  
 cctaagggga tgaggggatg atcttttggg gtgtcttgat caaactttat tttcctagag 420  
 ttgtggaatg acaacagccc atgccattga tgctgatcag agaaaaacta ttcaattctg 480  
 ccattagaga cacatccaat gtcctcatcc caaagggttca aaagttttca aataactgtg 540  
 gcagctcacc aaagggtggg gaaagcatga ttagtttgca ggttatggta ggagaggggtg 600  
 agatataaga catacatact ttaagatttt aaattattaa agtcaaaaat ncatagaaaa 660  
 gtatcccttt ttttttttga gacgggttct cactatgttg cccagggctg gtcttgaact 720  
 cctatgctca agtgaatcct cccctcggc ctnccaaagt 760

<210> 2315  
 <211> 737  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (737)  
 <223> n = A,T,C or G

<400> 2315  
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 cnngcaatgt atcctatgac cnantgtngt tgcantanca ctggancgag gggttacnan 120  
 gcgggtgcntg nnaaaacccn ntngttaccc agnnaaatng acttgcaata cattcancta 180  
 gcgcgcgnnt gnnntcataa ttcantgggn nntatccnat cgcnccttate aangagatgn 240  
 ctctctggct nctctntgcn ctctcantgg aaccgggnat tgnatannaa antcntgntn 300  
 ncaanctcnn tctccctnat nggngaengc aactacctaa tcttgaacag atatgctaata 360  
 ttcgctaacn ctenggtctg cctnccccga tccccgggt nncagnaca cattccnntg 420  
 aantaaggnt tcnanataca tgnncatnct atnnntatnn nnggcaacnt gnattagggg 480  
 gantntatan ntatanntnc atatgcntga tganagctga taanntnnac nttgntatc 540  
 nncgttctat atgagannac tctcgtgnaa actggacaac ctcanctan atctggctnt 600  
 ttttaanttt aaaaggntat cacgaattca ncgagcncg aaaaatccgct anttgcnnga 660  
 annnactcga cattcgcata tgcctnccng acatttccng atnngnccgnt cacntcantn 720  
 tancnngnnt acacnncn 737

<210> 2316  
 <211> 728  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (728)  
 <223> n = A,T,C or G

<400> 2316  
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ttgaaggata aaagccgatg gcagtttata attggagatt tgttgattc agacaatgac 180
atctttgagc aatccaaaga atacgactct catggttcag aggactcaca gaaggccttc 240
gacctatggga cggagctcat cccttgggtac gtgctgtcca tccaagccga tgtgcaccag 300
ttcctgctgc agggggccac ggtcatccac tacgaccagg acacacacct ctctgccgc 360
tgcttcctcc agcttcagcc cgacaatagc accttgacct gggtaaagcc cacaactgcc 420
tccccagcca gcagtaaaagc aaaacttgggt gtacttaata acacagctga gcctggaaaa 480
ttcccactac tgggtaatgc tggattaagt agcctgacgg aaggggtctt ggatcttttt 540
gcagtgaagg ctgtatacat gggccaccct ggcattgata tacacactgt gtgtgttcag 600
aacaaactgg gtagcatgtt cctgtcaaag actggtgtga cattgctcta tgggcttcag 660
accacagaca acagattatt gcacttcgtg gcacccaaag cacacagcta aaatgctctt 720
tagcggat 728

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&lt;210&gt; 2317

&lt;211&gt; 750

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (750)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2317

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antttgacct ctttcgante ggacgagac aatctctagt ctaaaagatg gcggcaaggc 60
agcccaggca aatgtaagaa taggcgatgt ggttctcagc attgatggaa taaatgcaca 120
aggaatgact catcttgaag ccagaataa gattaagggt tgtacaggct ctttgaatat 180
gactctgcaa agagcatctg ctgcacccaa gcctgagccg gttcctgttc aaaagggaga 240
acctaaagaa gtagttaaac ctgtgcccac tacatctcct gctgtgtcca aagtcacttc 300
cacaaacaac atggcctaca ataaggcacc acggcctttt ggttctgtgt cttcaccaaa 360
agtcacatcc atcccatcac catcgtctgc cttcacccca gcccatgcga ccacctcatc 420
acatgcttcc ccttcaccgg tggtgcccgt cactcctccc ctggtcgtg catctggact 480
gcatgcta at gccaatctta gtgctgacca gtctccatct gcactgagcg ctggtaaaaac 540
tgcagntaat gtcccaaggc agcccacagt caccancgtg tgttcccgag acttcttcag 600
gagctagcag agggacanga nnaagaggat cccaggggtg acagtaaaac aagcaaaaaat 660
gggnccacca agaaaacaca attgtggagc cgcttntaca gaagttttat tcatnttacc 720
cccttcacag nggatnccag ccaagaaaaat 750

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&lt;210&gt; 2318

&lt;211&gt; 756

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (756)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2318

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nttatccttn caactcttgt tctttttgca ggatcccatc gattcgaatt cggcacgaga 60
ccacgtcata tacagcctac aaagagctct tgactgtgag ctgcagagg ccagattgca 120
taccactgcc attgacaaag agggctcncg ggctgttaaa gcgggagctt atgctgcttg 180
ccaggaagca aaggaagata taaagagtca ttcagaaaaat gtctctcaac atccacttca 240
tgtagaagta ttacactcag agattatggc tcatcagaaa ttgtctttgc gtctnnggtc 300
ctggatgaac aaaattatga gctattcaag tgactttagg catatctttt gccaaagcatg 360
ccttagagaa gaacctgact cggagaatcc ctgtctcata agcagggttaa tgctttggga 420

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tgcaaagctt	tataaagggtg	cccgttaagat	ccttcatgaa	ttgatcttca	gcagtttttt	480
tatggagatg	gaatacanaa	aactccttgc	tatggaattt	gtgaagtatt	ataaacaact	540
gcanaaagaa	tatatnagtg	atgatcatga	cagaagtatc	tctataactg	cacttcagtt	600
cagatgtnta	ctgggnctac	tctggctcga	catcttattg	aaaacagaat	gttatctntg	660
tcattactga	aactctgntn	taagttttac	ctgagtnctt	ggacaggaac	antaaattcn	720
acttccangg	ttatgccngg	acanattggn	aagatt			756

&lt;210&gt; 2319

&lt;211&gt; 760

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(760)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2319

atatccgttc	aactacttgt	tctttttgca	ggatcccatc	gattcgaatt	cggcacgagg	60
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aaaacagaga	tggtgatggg	acaccagttc	taggagccct	ctgcatggcc	actttctgcc	180
tcagctcttc	taaagcattt	cttctgttcc	cttccattgg	ggtaaccact	gatctgtctt	240
cccaaaaact	gagtcagaag	ttggactttg	ttacttggct	catctacatt	taagatatag	300
tcagaaaaaa	aatgcagtct	ttacatctta	agaaagett	catgggccag	gcgcagtggc	360
tcacacctgt	aatcccagca	ctttgggagg	ccaaggtggg	cggatcacct	gaggtcagga	420
gttcgagacc	agcctcaaca	tggagaaaacc	ccatctctac	caaaaatata	aaacttagcc	480
aggcatggtg	gcttgctcct	gtactcccag	ctacttgggg	ggctgaagtg	ggaggattgc	540
atgagcccag	aagtgggagg	ttgcagttag	ctgagacgag	atcgaccac	tgcactctac	600
ctgggtgaca	gtgagaactt	gtctcaaaaa	ataaataaat	aaataaaatc	cattaaattg	660
ccaaaaaana	aaannnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	720
nnaactnggc	ctttaaaact	ttngggagnc	nnttncntan			760

&lt;210&gt; 2320

&lt;211&gt; 732

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(732)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2320

tntttgacan	ctttcgantc	ggcacgagga	acatatgaaa	atacaactta	aataataaac	60
agtggaaat	aaggaaagca	ataaatgaat	gggctgagct	gcctgtaact	tgagagtaga	120
tggtttgagc	ctgagcagag	acatgactca	gcctgttcca	tgaaggcaga	gccatggacc	180
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ttattttctg	ttgaagttaa	caatcaaagg	aaaatagtaa	tgttttatac	tgtttactga	420
aagaaaaaga	cctatgagca	cataggactc	tagacggcat	ccaccggag	gccagagctg	480
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aagtctcact	ggctgcagta	tgacatttca	cnggagattt	cttgntgctc	aaaaaatgag	600
ctcgcttttg	tcaattgaca	ggttcttttt	tcttactaaa	cctgtacttt	ttgtaaatat	660
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ttattttcca	tt					732

<210> 2321  
 <211> 1025  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1025)  
 <223> n = A,T,C or G

<400> 2321  
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 tcgcctatnt ggtnggctga ntagaaccaa tggactnggg ggtgcccacg gngggctcct 180  
 nngngctgggg aatccaanaa cnagggattn aataagant acctgggcn tnccttacc 240  
 aaanngccna cttgcttcca ttgncngna accntcaacc cccttgtagt gncgggatat 300  
 ncaaactaan gaacnggaac cctaaaaggg nccnntnctg cccannntnn tngnaantcc 360  
 ccanncggtt ttcnancct tttccttggc cccctcgng gaaggcaatt anctgntttg 420  
 ggccccctg anccaaccn ttnaaaaatc cttngcagg cccctnnng gccattgaat 480  
 nnggaccacc ggtnggnttc cncannanc cgaaccgaa angggaaana aacatgggng 540  
 ggtaaangaa ccttaattg ccaggnatcc ttcttttngg ananttaatg ggngaaaaac 600  
 ctcaaagnaa annngtgggc cnaaataat tgggggggccc ccttaccaaa atgatggttt 660  
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 gacaangtca anttgctcna aaagangaaa acnggttnn tctttcaagn tacttcttt 780  
 ggaacncgnc ncaanggang aactcgaanc ttctacaaca anttngtg cnnncagccc 840  
 ttaagaactt nncganngcc ttgaaagnaa caaanaaagg gttttgaacc gtgctnaanc 900  
 aatttncctg gaaacgatcc anantcttg gcccttggca atgttttcag gtgcntaan 960  
 aaaaaacagg gtggcaccaa gcattggagc cttaanaaaa actaataacc taagtangtt 1020  
 ancan 1025

<210> 2322  
 <211> 717  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(717)  
 <223> n = A,T,C or G

<400> 2322  
 cggagatatg attaggagag ggaatgcttt ttgagggcag aattgccaat ctgcttgtag 60  
 tttataagcc tgttgattgt ttatagacgg ttagccagt ttatagttac cctgggtgct 120  
 gaaagggtatg ctggatgata cctaaccaac agagaaccat tgaatgccgt tcaaaatgga 180  
 ctgaagcatc agcaatgtct gaaaaaggcc tgacagtaat gtacatgtca aatggcccg 240  
 aatttaagca gagtagagta agtagaagaa taaacatggg gaaagtcca gcaacagagg 300  
 aggccttgag cttttgctct tcatcttgag tggatgttgt tctcaggtgg taataggcca 360  
 tcgagctttc tccactggct gnetctctgg ggaacaaata acccgaaaag atactcagca 420  
 ccctgggttg tacataggtg gtcagttgat ttatacttcc tggttttcag tgttgcttga 480  
 attttctaaa tggaaacaca gtacctttat aatcagaaaa caatcccnag ttttgatttg 540  
 aggggtgttg aaaaaagggt natanttttn tattataata agctccncng nccntnttaa 600  
 aaaaacntttt ggggggncgn tnttangntg anaatcccca nanttgann nagatatanc 660  
 tttgtnatgt ngtttgnngg nanaaacnc nctctctnan aatatatntn ctntctg 717

<210> 2323  
 <211> 773

<212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(773)  
 <223> n = A,T,C or G

<400> 2323  
 gtttatcctt canctcttgt tctttttgca ggatcccatc gattcgaatt cggcacgagg 60  
 gatagcccac ctcatgttcc tgttctgaa ctctcaacag acactgttat aaatgtgac 120  
 actaatatga caaccacat ncagagtctc tttccaaatc tccagggttt cctgcgctt 180  
 gggtaatcat gactattggc cacaggatca actgacctga gtccaccaag taaagtgtac 240  
 aatgcagtag caaacctctg gaaccatggc tagatgaaga aagctattag tactttaagg 300  
 gaaagggtgt ttttatttca cagaaagtta caactaatcc aaaccttagg atcatcagtc 360  
 taaaacacaa acttgtacta cggcccaaata ataattgacac tgaacaagac ttgacccagc 420  
 caaccagttt gaattggctag aaagtacatt gaacaactct cagcagaata aggagaagg 480  
 gtatatcata gcacatgttc cagtggggta tctgccatct tcacagaaca tcacagcaat 540  
 gagagaatac tataatgaga aattgataga tttttttcaa aaatacagtg atgtcattgc 600  
 aggacaattt atggacacac tcacagagac agcattatgg ttctttcaga taaaaaaagg 660  
 aagtccagta aattcttttg gttgtggctn ctgctgttac acccagtga gagtgtttta 720  
 gaaaaacnqn accaccnatn ctggtatcag actgtttcaa ntatgaacct cgg 773

<210> 2324  
 <211> 733  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(733)  
 <223> n = A,T,C or G

<400> 2324  
 ctttnacctt ntncgantcg gcacgagggg tagccacact catgttctctg tacetgaact 60  
 ctcaacagac actgttataa atgtgatcac taatatgaca accaccatcc agagtctctt 120  
 tccaaatctc caggttttcc ctgcgctggg taatcatgac tattggccac aggatcaact 180  
 gcctgtagtc accagtaaaag tgtacaatgc agtagcaaac ctctggaaac catggctaga 240  
 tgaagaagct attagtactt taaggaaaagg tggtttttat tcacagaaaag ttacaactaa 300  
 tccaaacctt aggatcatca gtctaaacac aaacttgtac tacggcccaa atataatgac 360  
 actgaacaag actgaccag ccaaccagtt tgaattggcta gaaagtacat tgaacaactc 420  
 tcagcagaat aaggagaagg tgtatatcat agcacatgtt ccagtggggg atctgccatc 480  
 ttcacagAAC atcacagcaa tgagagaata ctataatgag aaattgatag atatttttca 540  
 aaaatacagt gatgtcattg caggacaatt ttatggacac actcacagag acagcattat 600  
 ggttctttca gataaaaaag ggaagtccag taaattcttt gtttgggct cctgctgtta 660  
 cccccagtga agaagtgggt tagaaaaaca gaccaaccaa tcctggtatc agactggttc 720  
 agtatgatcc tcg 733

<210> 2325  
 <211> 897  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(897)

<223> n = A,T,C or G

<400> 2325

atantcctc	taacttctgc	ctgaggtcga	ctctagagga	tccccggtac	cgactngaaa	60
naaanatata	ttgagccttg	ngacgagccc	atntctnctg	taaatnangg	gntccntttc	120
tgactagaan	ncnncaggtg	ntctngggcc	ataagtnttg	ctgcnccttg	gtntttttatt	180
ttagnngtnc	atgaacctac	aanggtggcg	tcacttctgg	gtacantttt	ttcaaacacc	240
atngttttca	ntcngccntt	ntngttgntc	ctaaacttgt	aactgcccc	cncnanggc	300
tgngggcct	tattnnnaan	gggcngtcan	aaantttttt	tngatngccn	gnngtnaaaa	360
ttaaaaaaa	ancttngggc	caaanggggg	gtaaaaactc	tncattttgt	cttctttnngg	420
ggttctcngn	tttatttctt	ttngncccg	ttttnccegn	gncttccct	tttttccaan	480
anagnnttt	atatgggtgt	ccccctatcc	ccaatnggaa	gccagtcccg	ggttanacca	540
ncnctccca	ttaaccncct	ttattacccc	ngnggggncg	tccnccggtc	aggggnattcc	600
caaatttant	tgnttcttga	nggggcccct	ggtncngnaa	aaaanccttg	gnggggctcg	660
tnnctttcaa	cattattngg	gcnnctctct	naaaaaancn	ngtttttnng	ccntttgncc	720
gtgngaagcc	ccnnttttta	nncnaggggn	nnnttttttn	nacttgggan	aacnattanc	780
ctnntntggg	tattnttgg	ntanacngan	tttgcnnntt	cgctttggta	aaannactnt	840
tacaaaaanta	ccgattacaa	attacctcat	tctgnggnat	gcacntctgg	gagnttn	897

<210> 2326

<211> 874

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(874)

<223> n = A,T,C or G

<400> 2326

nctctnctta	nataatntta	tatcnanttt	attattttan	ntnnatctct	tnananannn	60
tngtnttann	ntngttannn	ttactnntta	nnancnnnnn	nnntntntga	accccttaaa	120
acnnnnncgag	tnanantcac	anatgactgn	ncgatatagn	aaagctatgt	agacatnttt	180
ggagctctta	ctgtntctaaa	ctgnacagct	gtgcttaaaa	cccttatctc	atataaatgg	240
ccttaagttt	tctaattcaa	gcgggttttt	ggaaaaatnt	atggtctcca	ttaaaaatata	300
tattacaact	ggggtagatt	atthtgggtc	cagtgtctgt	gatttaactt	tgcgttttgc	360
tatctgattt	ttatttttca	caggggctaa	gcagtgagctt	tcattctcac	tcactcttaa	420
tttgtcgagc	gtcactacac	atgcaccgtg	ttgcagctcc	ttgagggcct	gtnttgtaa	480
tctgtgatgg	agtgtgaatt	gtgtaacggg	cactgngttt	acactctcag	gtgtttggcg	540
gggccgggtc	cagacttcaa	tggtcccctn	acggaaaagg	ccaggctncg	ngtggacggc	600
caaacttncc	tgccccgctc	cttcagcang	tgactgtctc	tgccantttc	ttacctggct	660
gaaggattct	tgetcaagta	agctggaaca	aatgctgctt	gtcacacagn	ctttttctnt	720
tgaaactttt	angaaggctc	ccttngtnca	ccaaggcaan	tggggagctt	gtagaaccaa	780
cccgnanncc	actttgcccc	acaattcant	tgctnacctg	gcnttcaact	gngaaataan	840
gtttaaaggt	ncaccggggg	actttctnct	taag			874

<210> 2327

<211> 730

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(730)

<223> n = A,T,C or G

&lt;400&gt; 2327

ttgacnecnt	tcgantcggc	acgaggagct	gacccctgcat	catgccccggg	ccagcgcagtg	60
cagggacgtg	gaggggttca	aaaccgagat	ggccatgctg	gtgacccagg	ccaggaagaa	120
caccatcacc	ctggagaagc	ttcatgtgtc	cagccttctc	tctagtgtct	ttaagtgtct	180
ggatgactca	caaggtaaag	cttgagagca	actttgcctc	cattgtgttt	gccatcatgg	240
tggttgagg	gcttgccgc	tcactggacc	ccaaactgga	catcctggag	gcagcgcaggc	300
ccttctcctc	acggcccagt	gtgccccccg	tgatggggca	gtggcctctg	tgggcccttg	360
tcaagagctg	gagggccactc	ccaagagcct	ctcctatggc	agctgggacg	ttttaaaatt	420
gggacaccaa	tttcaaagt	aaccctncag	tggtgggaagg	cacaccatgg	cttctctgct	480
tggtttgagg	gtctgttcaa	aagctttggg	ccaattaggg	agtaaaagga	gggaaggggc	540
ctatccattc	cattgtggaa	gctggggccag	gtgccaggga	cactctcctt	cagggaaaat	600
gttatgtgga	ggaggacgaa	taaatattt	ttgttttaa	aaaaaaaaa	aaaaaaaaact	660
cgnnccttta	aaactnttag	gggagnntn	ttaccgtaaa	atccanactt	gataaaaana	720
nattgatgaa						730

&lt;210&gt; 2328

&lt;211&gt; 855

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (855)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2328

nnatcctntc	tcagcttgct	gcctgcaggt	cgactctaga	ggatccccctg	tacacgagct	60
ccaannnanc	ctatantgag	ccntnttaca	annccnctgg	ncgccgtaaa	ncangggntn	120
ngaantngan	naanaantan	gcaantgttn	ctgncnenta	agtattgctg	ncttgcctat	180
tttactagt	taccnatact	acaagnccgt	actctggten	tttttcaacn	catgttntat	240
cgctcnagtt	ttctacttta	tgtgagcaag	ggttgctgtn	caaggtgtaa	atattcaacg	300
ggaataaaaac	tggcattggga	aatttttntc	acgnccnnnn	cncncttttt	gnctctttca	360
aagggttnatn	ncccatccat	gancnnnnnt	ttccnctcc	aatnttttaa	tcnggggcnc	420
ccttnagggt	atcnannnta	ngngttctgn	gggctggggt	gggggnttgt	cntgggggaa	480
ctgcccttta	antnttaagn	nacactacca	gaaaaacaca	anaaaggtna	tggnnacngn	540
gtgnatgcc	tggatttgga	aaagctnggg	netccganen	tcttnttngn	ccttggngcn	600
nacggntatn	antcttanna	gctggggnt	tnantttctt	ggnaancctt	gnnccgnntc	660
aatttttgng	ctttttnga	ccccnggntt	tgatttaaaa	aaanggggtg	tcttnccatt	720
taaccnaaaa	tacctttanc	cttctaaatt	cctttnccnt	nnaaaggctn	tcccctttgn	780
cagatncncg	ngggaacccg	annaanttgn	tcntaacc	antttttgat	gggggggtat	840
atanaacccc	atntt					855

&lt;210&gt; 2329

&lt;211&gt; 1194

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (1194)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2329

gatnnntnaa	acnccccctn	tttnnccaaa	aanccttacc	ctgggtgtgc	tttttttttg	60
gnnnaagggn	aaaccccccn	atccggaatn	tnncnncat	atcntgngna	accggaatnc	120
catctcagga	ctacacatgt	atggagaana	tgaccgcata	tnttttttat	tcaaancgcc	180

tacatatata	tcacctcgca	ccagacagng	ggggggtttt	ttntntnaa	cnaanngcna	240
ggntaccnct	nactgangaa	gnaaaactaa	naaaatnnat	ccacagtaat	ananaaaaaa	300
acnnatgnat	caannngnac	cagaatanca	agcnatanca	ncanccaaca	nanannagan	360
actnnngaaa	aaacanaaca	cccntnntac	naanaaanna	cacgannnta	naattgatta	420
cagacgnaaa	nncantnnaa	aaataacccat	nccttatent	antaaanttc	aaaaanntcn	480
tacaaaaaac	annaatanga	ntaaaacnaa	nttcncannn	aganagnana	gaaanacgaa	540
aaatanatnn	ncattanncg	ntnnanctat	ancacanaac	nctganaann	cccaaantat	600
gnaaaataaac	ttntntnntn	caaacngnnc	atnecgancnn	tgaaatnanc	atactaatnt	660
anaaaanncn	ccanatanann	cactaaaaaa	tnnacanaat	aaacnacact	anancgtatt	720
nangtanaca	ntnaacnatn	gnganntgat	cctncacatt	atntacnaca	taacacatan	780
antgtntnnc	ttngananca	tnnacanncg	nnacatatat	agtatnnata	ctcatnaccg	840
tnncannata	tntaactctc	gatctaaana	gatacatatn	caatananga	aatagaaact	900
naatanatna	atatcgagag	gatctanntn	taagcaaaac	tnanantatc	ncttangtnc	960
ataaannatn	gtccnactna	nctatcaaca	taanatagnn	tanacatttt	acctctaccg	1020
cnggcgttca	tntatcaaca	cacaataatt	attcgcantn	atntactaaa	aaactccnnn	1080
atatntnctn	ccgacatnan	atatctgtaa	agaaatgtat	actactancg	cntngaana	1140
ctatatgatc	acnttaacnc	tnacggnang	taanatntat	nttntnnenn	ncgt	1194

&lt;210&gt; 2330

&lt;211&gt; 727

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(727)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2330

ttanaccg	ntcgaattcg	gcacgagcac	aggccctttt	gtgatgcgtt	ccacgtgtag	60
gagatgtggt	ggccgcggc	tccatcatca	tatcgccctg	tgtggtctgc	aggggagcag	120
gacaagccaa	gcagaaaaag	cgagtgatga	tccctgtgcc	tgcaggagtc	gaggatggcc	180
agaccgtgag	gatgcctgtg	ggaaaaagg	aaattttcat	tacgttcagg	gtgcagaaaa	240
gccctgtgtt	ccggaggagc	ggcgcagaca	tccactccga	cctctttatt	tctatagccc	300
aaggctctct	gactgactcc	gtcccagatc	ttctcagctt	aacggctgaa	gactgacact	360
gcccgatcgc	ctcagaagcc	cccgaaccatc	acggatgccg	agcttcgggt	aactctcgca	420
gtggaaggat	gcttcttatg	gtcaaagaca	ttcatcttcc	tgataggaat	gaagtggaaa	480
gtccagcaa	caacagtcaa	gtaatggctg	gctcttccat	tgaaaattat	acaatataaa	540
aaccgtgttt	atgaactctt	tataatatta	tctttattat	ttctataaaa	gcagaatagc	600
atgtgtgtat	gtgatttaat	tctaactgtg	caaataaaac	cattaaaacc	aaaaaaaaaa	660
aaaaaaaaact	cggccnttta	aaacttttgg	gnggcntttc	cgtaaatccc	aacctgaaaa	720
natcctt						727

&lt;210&gt; 2331

&lt;211&gt; 1120

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1120)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2331

nttatnecgtt	acaagencct	ggctntttgc	gcganccctc	gattencatt	ccgngccagg	60
ggnggggaag	aaattnccn	nnaattgggt	gccnnccnt	aaagggggcn	ncttgggcgc	120



```

ggccncctt aaccgtnga tgggaananc cggagnataa ggaaggtnc tannctnggt 180
gggntcctta taaaatttcc tcngatncc ttggagaagg cggacntcan ngttttanan 240
cagnttattg tngtccnca gatctctaaa tncatttttg ganctanctt ttgaccctt 300
taggtcagaa anaaaatctt ggaagcctg gggctttcct ggaaggtca aagaaggtaa 360
ctttcagggg ntttaagcca ggaattggg ccattatttg caccaccctt aaaccctttc 420
cggannatcc attcaagcct ggcccttttc aaaaccattt ttaaatttng ggcccagggg 480
tttattggaa ttgggncaaa aaaaattccc aggggaaatt cancccttca agccaggttt 540
aaaattaaaa aanttaaaaa ttaaattntt ttggggnccn aattanttgg ttacccccgg 600
aaaaattttt ccccaaaaat nggggaaaag tnggcctttn ttccttgggg gagggagggc 660
ccaggaaaan ccantgggaa tggggacccn aaaagggggt ttccggaagg gaaaaaaanc 720
caaanccctt nccnccccc ttanttgna aaatttttgg gaattttttt tttccaaaaa 780
aaaggggttc tttantttng gggnaaatn ccccttccgg tnccttgggt cctttncccc 840
gggaaanccc nccnggcc ccggttnntt tccanccaag gnaaaacctt tttntttcca 900
aaaaaccctt tggggggggg aatgggttcc ccttantttt tgggaatggg ntttttttgg 960
gccttngggg ggggtttngg gggnccccct ttttgggncc nnttttnccc cggtttggnc 1020
ccaaaaggga aaaaaaaacc tgggcncctt gggttntttt tggnccccaa tnggaatcct 1080
tccaaattcc cctgggnaat tccttccatt taaaaatngg 1120

```

<210> 2332

<211> 720

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(720)

<223> n = A,T,C or G

<400> 2332

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nctaaccntt ttogaaccgg cagcagggcc agncagctgc tcacactgna caccacctct 60
atnntcctgc gcctntgacc tgctgcctcc tgcccgacg cccgcctgct gncngnntgc 120
gagggcggat gctgctgntg ggacgtncgg ctggaccacc cccaaaagag gaggggtgtg 180
gaagtggaat tcgtnttntc tgagggctcc gagcatntgg acggagagtg gatgggctgg 240
catttgtgaa tgaggacatc gtngcctcca angggagcgg ncngngcacc atctgcctgt 300
ggagntggat gcaaanttgg gggggacgng gcaancagna canaatgnca ttgngggtnc 360
ttngctgct gcnatggana gccaccgatt tgctactta tcctcagacc ctgnnctgat 420
aaggggattg tgctctgagg ggatgatacg gcaacntgtg gctctacgat gttaacgaaa 480
tnctgaagca ngacaccnct gatgctggta nccatgtngg ntgcacacag atactganat 540
gnncccaacc ccttggccct tgnccaagt gngacaaaaa ccatggtnaa nacantgggt 600
gganaatgnn tcttcacata cctgnacgac atganggact acanaattta ccactggng 660
gangatgtag acntacacca tcccaaaagn accnnngnca cannttanta anttattntt 720

```

<210> 2333

<211> 789

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(789)

<223> n = A,T,C or G

<400> 2333

```

cctaactctt tcaaccccng gctttttgca ggaccctcga ttcnaattcc gcacgaggag 60
agtggcncn taaaaagctt tttttgagna cggggaccn naaaggacca ccnnngncag 120
gaccngattn aaagaattnt ngaccngccn gggggggacc ttcaanaacc cancctgaga 180

```

```

gggtccaacg ngaagggagc tntntttgaa gagatgctgn cncactgca catgtcacao 240
agtgtcagat gnagaatttt agggctggan ggaagatgta aaagatgaaa aatgttttcc 300
ttatcacttt tctttctcca cccactcagt tgtctaagaa gaaataacac tgtaaggaaa 360
tttaaaaaaa aaacatttag aggattatgc ttgttttgag tgggtgcataa gggaaaaaac 420
tgactttttt ttccatattc tgatttttaa ccagaaaagc cactcattta atagatgtag 480
gggaaaccta gatattgctg ccttttgga tgggggtagg ggggggtttac ctgggttttt 540
atgacccagg ccntaagatc tattatattt gcttttttaa taggcatgat gtggaaatac 600
catcttggtt tgagatgcca ttgaggattt ttaatttatt ggaaagcaca ccatatgcca 660
ttatatattt tgggaattcct anatgccagt attgggntat ttaaattggg naaactttat 720
gaaaacctgg gaaaagggtt ttcaagggtt ataaaaagcc ttaagtgatg ccnnccctct 780
ttaaaantc

```

```

<210> 2334
<211> 794
<212> DNA
<213> Homo sapiens

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```

<220>
<221> misc_feature
<222> (1)...(794)
<223> n = A,T,C or G

```

```

<400> 2334
ctttgaacc tgcantcgcc cgcacgangg atttcttggt gntggggacc tattntcann 60
gctttnggc tntggntacc nggggttnna gattangggc ctttnatacc tnnngnnccn 120
ncaaatTTTT ttgncggatn aagatngtnt gttngtanct aangtnaanc ttnnaaccng 180
accctntcc ngttttanta angnnttttt gcaacctnct ggtaaatngc aaaatcaatg 240
gccaatggtt aaccaaagaa ggaaaacgtt ggggtgggac tttgtctctt gcaccggtat 300
ttcaggaaca atctggcttg ccatccccac agctctttaa aactggctat ttatgtgtgc 360
ctttcattct tacatttcta atcatactgc aggaaaaaca ttggattcag ctttagactg 420
anggaaaact ctccattatg ttgtaagaa attatagatg ttgagagac acttttttgt 480
taaaccagat attggactcc agcaactatt ggggggtata tttttagttc attgntctca 540
tttaattggt aaaatatccc tttatatattt gcttttaaat aaattttcct ttttttcctt 600
tttttttttt tttaaaccgg gagnctccc ttnttgtttn ccagggtt gganggggca 660
aggggcaaca naaacttngg ggttttttgg naaccctttt gnttttnccc angggtnaag 720
gccggaanaa tnccgggant tcagcccttt cgggagnaag ggggggcnc ttcanggggg 780
cgtggcccn ctng

```

```

<210> 2335
<211> 729
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(729)
<223> n = A,T,C or G

```

```

<400> 2335
ntttnaaacc cccttttnna aacangggaa cagtgtgtaa ggaacttggt cacatcactg 60
actggtaccc cactctcatt tcaactgctg aaggacagat tgatgaggac attcaactag 120
atggctatga tatctgggag accataagtg aggggtcttcg ctcaccccg gtagatattt 180
tgcataacat tgaccccata tacaccaagg caaaaaatgg ctctctgggca gcaggctatg 240
ggatctggaa cactgcaatc cagtcagcca tcagagtga gcaactggaaa ttgcttacag 300
gaaatcctgg ctacagcgac tgggtcccc ctcagctctt cagcaacctg ggaccgaacc 360
ggtggcacia tgaacggatc accttgtaa ctggcaaaag tgtatggctt ttcaacatca 420

```

```

cagccgaccc atatgagagg gtggacctat ctaacaggta tccaggaatc gtgaagaagc 480
tcctacggag gctctcacag ttcaacaaaa ctgcagtgcc ggtcagggtat ccccccaag 540
accccgagaag taaccctagg ctcaatggag gggctctgggg accatgggtat aaaggaggaaa 600
ccaagaaaaa gaaccaagcc aaaatcaggc tgagaaaaag ccaaagaaaa gccaaaaaaa 660
aaaaaaaaa ctcggncctt taaaactatt gggngcntnt tcctaaatcc ccacntgata 720
anatccntg 729

```

<210> 2336

<211> 825

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(825)

<223> n = A,T,C or G

<400> 2336

```

agtgaacctt tgnactcnnt tttttgagga ccatcgattc nattcggacn aggttggaag 60
tgaangcatt tttttttntg gentatatcc ntgacatatg gggggnantt ttaaaacnac 120
ngngcctaac cgtgttntaa aactttggna gtaaataaac nttngaaatc cnttttgata 180
aacctgctgt aaangttttt tcccccttgg ngaangtttt ctaactttgc ntgggtaatg 240
gcaattnact aggtgcgngn gttctaaagt tgaaggcac gatatgcgtg tccatcctta 300
ccaaaggatg gggaccgcaa accgagccgc caccggcact aacctatgac cttctgacct 360
ctgaactctt acccatngat gacctgacca tgctgcctg ctgatcaagt taactgggta 420
atcgcccttg cnttgccgtg cgtcagtggc anccgaagcc tgaggcactt gntccgttcc 480
gtcttancct tntaacccaa accaaaagga caaaagaaaa ttgggttggn cttcnacctc 540
ancntttttt tttttttttc ctgggttggg gtggaaaaag tgggttctaa aaaactgcac 600
ttggaataag ttangtaaaa gccaatgaag ggncccaatt tcattccac aagcacttgg 660
atcaatcttt ttaaataatc ccancctta agccgaaccg ggtaagaaaag ggccctnttt 720
ttaaanaaag ggggaaaaaa agatnggncc taaactanc tcaatggaca gaagggcagt 780
ttacctgggg gaaaaaaaact tnttangga atcttttttn ttttt 825

```

<210> 2337

<211> 778

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(778)

<223> n = A,T,C or G

<400> 2337

```

gactnactct ttnaactact tgttcttttt gcaggatccc atcgattcga attcggcacg 60
agggatagcc cacctcatgt tctttttcct gaactctcaa cagacactgt tatanntgtg 120
atcactaata tgacaaccac catccagagt ctctttccaa atctccaggt tccctgcgc 180
tgggtaataca tgactatttg ccacaggatc aactgcctgt agtcaccagt aaagtgtaca 240
atgcagtagc aaacctctgg aaacctggc tagatgaaga agctattagt actttaagga 300
aaggtgggtt ttattcacag aaagttacaa ctaatccaaa ccttaggatc atcagtctaa 360
acacaaactt gtactacngc ccanatataa tgacactgaa caagactgac ccagccaacc 420
agtttgaatg gctagaaagt acattgaaca actctcagca gaataaggag aaggtgtata 480
tcatagcaca tgttccagtg gggatatctgc catcttcaca gaacatcaca gcaatgagag 540
aatactataa tgagaaattg atagatatct tcaaaaatac agtgatgtca ttncaggaca 600
attttatgga cacactcaca gagacagcat tatggttctt tccagataaa aaaagggaag 660
ccagtaaatt cttttgtttg gtggctcctn ctgntacaac ccagtgnaag agtngtttta 720

```

gaaaaaacag accaccaatc ctgggtatta agactggttt cannaatgan ccctcggg. 778

<210> 2338  
 <211> 940  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)...(940)  
 <223> n = A,T,C or G

<400> 2338

cggnnnnnnn	nntnancntt	nncgntncnc	ctttttacct	tccagggncc	tttggccctt	60
ttaannangg	ttttttngga	agaaaaanaa	tggaacnttt	gggaaaagna	agntccaatg	120
gttgntggn	tttggggccc	acccgntttt	tnattggggc	ccttttcctt	tccaagnaag	180
ngtttcaaga	accaangnaa	angttattgg	aatggaaagc	cccttttaag	ggtggtttac	240
cangaaaant	ggcacctaaa	aaatggggga	ataaaaggac	aaatcttcca	aaatctttta	300
ngggggancc	tttcccttta	ctacagaatt	caaattgcgag	atcttggagg	ggttacaggg	360
gaaacgaggg	tatcagttac	ttcagcttcg	actgcgcaga	gagcatcatg	gattggtatc	420
tattgttacc	atttattaga	agattatgaa	atgcacaaa	atttagaaaa	ttaggaacca	480
cagcatcctg	caaggtggta	tgaatttagg	actctcttat	tcagatcaag	tcttcggggg	540
caggctctat	agagaacttt	ggacatcttg	acctatgaaa	agcagatttg	tgataacttg	600
ctgtagaaga	aaccaaaggg	ggaacttctt	gttgccaact	attgtcgttt	gggaaagaaa	660
tgctgcagat	gtttatagga	ggatttgcaa	agagaagaaa	tccttgaaaa	acttggggcc	720
ctattaccaa	aaggctttgg	gaaaaaaaagc	cacttccaag	cccnagcctt	anattntggt	780
tttaagnaac	cgggcnttaa	aaaaaatttt	attggaangg	gaaagncccc	tnngggacctt	840
aaaattnttc	cccaaggggg	ggaacttggg	gtggcccnaa	nnaaaagggc	ctggcccccgt	900
ttnaaaaacc	tttttttttt	aattcttngg	ggngggnggg			940

<210> 2339  
 <211> 1481  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)...(1481)  
 <223> n = A,T,C or G

<400> 2339

gnnnnnnnan	gtnnananna	nnannnnnan	ncnntnanna	aggtnanntt	nnnngaaggg	60
ggngngnnna	nacgnnnngn	nannnnangtn	ngatggngga	ganannnnnn	nnnnnnnnng	120
ngcgggatnn	nnnnnnnnnn	nnnnnnnnnn	ngggaagtaa	aacccctntt	nccaanactn	180
cnccggnggg	ncctttnttc	anagaaaacn	acaccngngn	gnccccccnc	ggtggggggg	240
agacgannca	tcacatacng	antntgtagn	atntgaataa	taatatttcn	tgntcganat	300
ttactngctn	ctgnactnna	tgcggggggg	gggggtgtct	ttnatatnnt	acgnatggcg	360
nccnccttat	nnagttaacn	tanactangn	ggnnngancn	ggncncncgg	gaacattnan	420
cnnnnatgna	ctgantcann	naaccactga	atcgcgntng	tgnaaannnc	tanngettta	480
tgnaacgaatn	anggaaaaga	atnttncnag	cgcganantn	gcaggcaann	nnnantanna	540
gntncanngg	aaaacgtncn	gnangncgta	ngnacancng	gtatnncgnt	anangtnnta	600
acntnagncg	gnntggtaann	tntagcantn	nncgatgtnn	gcgagtanga	gtancancnn	660
gatgancgca	tatntgcate	tcgnntatng	tgagnatnta	tgatacagnn	agatcngggg	720
agacannaag	ngcgcgaaatg	ttgnaatata	tnacttgagt	gnagcangcg	cgacgnntcg	780
cactacacac	gagangngtn	nctcgcaatt	gancttgaat	nnacaccgnc	gacanacgan	840
tananatcgn	agnntannga	canatactgg	gtatatctct	acgacngana	gngtatantg	900

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actcntctta agggagagag tgnnacanna gtgacgtnta cgacangnta cgacgagnt 960
gcngagaaca gnagagacta anngantaca tatatgtnga tgtgaagcnt agtannggc 1020
atctcgggtc gtatcnnaga tgtatcatag nntgacacgn cgtcncgagc ncacncanan 1080
cgcgtnccngc cntnacnnnc atnntgntat atnncngnnt gtgttacana tagaatntcn 1140
nactannnag cgnaatatna nnangcnata annncnnntg annacgacnc gctncngnan 1200
nntgntanta tgagaagtna atcangcnnt cgntnggaan natcgtgcn tntcgggcng 1260
nccngntnaa nttnnatgtg ngnnnnnagn nnntnnncta tnnatntann nantacagan 1320
ncgacangnn gnaanaagag tgtanntnna cnaggatagn aagnnagggn ncnnnacgng 1380
ngaggngcng nagnnaaant gatgatgtaa ntanacanng caaanngtng gggantcnna 1440
aacncgntna tancngnacg ncnnaggaga nagntnagcg n 1481

```

<210> 2340

<211> 740

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (740)

<223> n = A,T,C or G

<400> 2340

```

agtttananc cnccttantc ngccgagaat aaataatggg gacctgggta aatagcttct 60
ctacagccaa aanaaataat tgtcaaaata ancngancan cccccagaa ccgggagaaa 120
gantaggaac ttngtaanct gtgcctgtg gacaaaagaa cctagttttc cagaaacctc 180
caggggaact caaatcagcc aagaaaaata aataatccca ccaaaaagtg ggcaaatgac 240
atgaatagac atttctcaaa agaagatatg caaatggctg agaaacatat gaaaaaatgt 300
tcaacatccc taatcattag agaaatgcaa attaaaacca cagtgaatt atcagcttat 360
tccgtctaga atggccatta ttagaaagtc aaaatacaat agatgtttgt gtggatgtgg 420
taatgcttat acactactgg tgggaatgta aattaatata acctttatgg aaaacagtat 480
ggagattcct taaagaacta aaagtagatc taccattcaa tccagcaatc ccctactggg 540
tatctatcca aaggaaaaga agtcattata tgaaaaagac acgtgcccac atatctttat 600
tgacagacaa ttcacaattt caaagatatg gaaccccta aatgcccatt gccaatgagt 660
gaataaagac aacgtgatgt atatgtatct cncctatgta atactactca ccctaaaang 720
gatgaagtat gtgtttgcac 740

```

<210> 2341

<211> 1704

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (1704)

<223> n = A,T,C or G

<400> 2341

```

nacgnngnaa nnaaganng ggnnggnnc nngnnaagan aacnnannnn naanangaac 60
gcancannnn acacangnga gagnaancan gncggnnaga cgncaaangc gcannncgan 120
annaanncca cgnnnnnacn ncagnnacag nncacggaga cgaacnnnac annncncagn 180
acagannaaa cacagcngc ncancanngc nncnnccccc cccnnnccg nggaaacacc 240
cccttnnnan nccccncna gagaaaancg gggcctcagc annncnaggn aacgaanggg 300
nccnaagnng gggnggnaca aaaatttacc acaggggcca ggaacaacca ccgggggggg 360
caaactgncc aaggngcgag accatactnn ggcaagaaag ncaagncata ccagnacaac 420
ngaaaaacag caccaaggac ngactggcca aangnctgga gganggacaa cnaanangaa 480
ngnccgaaan aacgaagccn angcngcnna atgggnnncn accacgnann cncgaangaa 540

```

```

aganggacca nnaanagngg anngcngagg gnacnnacaa gnaanncgaa nnaaggnnnn 600
ntgaagngaa cnnannacac naanngnagc nnacncgann cacggnacgc cacagcagan 660
nccagacnna ancnnngcga aggcggagcg aacgacacaa ccggccccc nngggggggg 720
cncgcnccaa nggaggggca caagnaaacc aaagngggca cgnnanatat ncangnncga 780
anaaacanca anganaaacg cgcccagagc aaacanann caagacacac accacncncg 840
ggaggagggc aganacngca naaacagagc gagcgagag gngacaccaa aaacnaacnc 900
agnacncngn ggaagcaaan agngnnngac gnacnnnnnc ngcgacggga tacgngggag 960
agacancanc acgnacannc gaccganngc gcgnagacan agacagacca ncnggcanac 1020
gagacngacg ncacggnaaa gatnacnna cgacnngacg cgngacngag agcagagaaa 1080
anacggggcg naagaaacac gnaannngnc acacgcgcac ananagngan anangnaaac 1140
gacnnaaaga caggangggag aaagngggga cacgngannc annagaccg acacnngagt 1200
gngacacagc gggagaaaca cnggactaan acacgaacac gcagcnaac acagagnaga 1260
cagcgangaa gacacagnna caagcgcgna cgacgacacg nacgnaaagc naacngacac 1320
gcgnacgang angcncngac accacgagaa cgacgancgc ananacacnn gngaaagacg 1380
cncncngag acanacgcac gntgnacgga aagcganana ncgagacacg angagacnac 1440
ncgcacacaa cncnnanang cngggacaga ncacgcacaa cagccgacac ncgcgnnncg 1500
cggnccaccn nacncgcgga cncnaancnc gncaacgnc ncncnngcgc ngagacacnn 1560
cgacncaga gacagaacgn gnnnacacng acagngann cnacacacaa gcnancncgc 1620
gcgnagacgg nncganagac ngacgagaan ncacncacaa acgcnngnaa cgnnnggnaa 1680
cancnngccg nancncacaa nccg 1704

```

<210> 2342

<211> 815

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(815)

<223> n = A,T,C or G

<400> 2342

```

gatctacatc tcctnttact cagntcttgg gcattggcct tgnagngtt gcgaacctct 60
tagngaggaa tccccantc tgngcacacc gcaagccaat cttnattnaa aagtacgnta 120
natcccttat agngtagnga nttttttnta ngtaaanacn aaaattttcn cctcgnncc 180
cgctnaaant naccgggggg gggggggcgc tttttttttt tnnaactata gcaaaaaaaa 240
aataatctct ctgcgagcat gntataacce naaaaaattt naatatactn tccttatggg 300
ctcncctaac taaatnncac tttttttcgn ntaaaanttc ngtcnnnact aatatntna 360
aattnagggc ctcaaaatnt aatncttata ttaccnaac ntngttccnc aaanctnact 420
annaaatntn tatectnnct ntntnnnggc ataaaacacc anaengngtg atgggttanc 480
gcagngcgac cnnttnantt gccagtccta cteccnttnc ttnttttatn cttntntanc 540
ncanccatnn nattatacta annttnaaag gattcacttt ttccntaat cncattnta 600
aaccttacga ttntnctaan ttgtttanag gtttcactct gacannnata taanggctgn 660
gtacttttta atatagacna ctgacanctn acccatncgn nntntgatta tatgatncca 720
atctgccttt ttaaaaatac tattanaann ttaccaattn naanattang ntnannantc 780
gannttattn tntancnttt anaacattna tacnn 815

```

<210> 2343

<211> 1440

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1440)

<223> n = A,T,C or G

&lt;400&gt; 2343

aacacncacg	actnttngtc	aaaancgngn	aaatannttg	gcacennatt	ctcaaanccc	60
gaanatanca	gcgnntctn	nnnaacatca	gcgcgngaca	cngcanattg	nagatattnn	120
gagtataact	agtgaatnna	gncgnaaccg	gnngataant	ganagcntaa	nnanacnagn	180
gacatcnngn	ntncnncn	gngtttgnaa	aacccccgt	tacgcggcac	atacacctnc	240
tgatnnngng	ctatnnngtn	gagactcatg	aagatcagcc	gtncacnct	ananatcnnc	300
tcgactactc	ccacagcggg	gagagngggg	gganatctaa	tcanganaca	attnataatc	360
tattaactaa	atnancnctg	ganaccnnc	anagngggg	gggngtgnga	atnctnggag	420
acnanaaaact	naacnnantn	tncanctgn	ttnatnactn	ngannganan	nnacggnang	480
annngnagcc	nanggagnat	gatatnaacg	cgatnnngga	tacnnngaag	ncngtggnaa	540
gtananngan	cgnatagnan	nagancnana	atnatcggtg	nngagngng	nnggacatnc	600
cgataatntg	ancgcctcn	attgantnna	nnnantntnn	ncataaatnt	nananttngg	660
ntgagnatan	anncaangtt	gnaatacnna	cnnnaanagt	gnatnanntg	ancngancnn	720
ntncatacta	ncttgnnccn	nnaacctnct	tgangcnnnt	cgnccgnaat	cntantgcca	780
nannacntnn	nnngtnatgn	angntnnnga	gantttntanc	cannnttng	nnatnntanc	840
ncgnnttcnc	natncgantn	nncagnagn	ntnaannng	gnatcgnta	tctnncgct	900
gcnnanacaag	nnaangngcg	tntctanac	gnnaggnct	ancncnncan	cntgcancac	960
ncattgttca	tagcagccan	ntcncannnt	acanagtng	tcncgaagan	cctnancgaa	1020
nctgananan	tangcangca	ngnganagca	canngnagan	cgacatgttn	ncgaggtgtc	1080
gnatncnctt	nagannagn	gacannccn	gnactcncgc	gcatanccgc	cntananncg	1140
agctgctcnc	ggtgcncat	atganannna	tctgntanan	aacaaanang	cgngtgaaact	1200
ncctatcatc	agggnnccnct	ctannnatg	atacgtanct	tnatagnnct	aggnatnatc	1260
nggcangacg	gctgntgggn	gnnanncacg	ttatacacna	ncngcnnnag	annannacta	1320
ngtnannccg	gagnaganat	gnangctcnc	actactncnc	anacganngc	ntctgtncan	1380
aaganantgn	ncanacaaan	angtataact	gtgngncatg	cgncaannag	atacaccgcc	1440

&lt;210&gt; 2344

&lt;211&gt; 919

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (919)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2344

gatannnnct	ntctcaagcn	tgcatgcctg	caggtcgact	ctatagganc	cccngnggcc	60
ganctcctnt	aatatctnnc	anatganttt	tttacaacna	ctgnctcgcc	cttctacggg	120
gggnnttttt	tgactaaaaa	natncntecn	tttaacntan	ttaacctnnc	tgngataaac	180
nnccccnttn	ancngctgg	atntaataac	taantaacnc	ccncaccnga	tcgnccttcc	240
aaacattntc	ngctncnatg	antatnga	ngcctcnc	tnacnacc	aantcaccnc	300
cggnngngnt	ntggntggtt	nacnacacaa	nnntnatcan	attcantatg	ncannnnatc	360
taanctnnnc	gttcttttnn	ctttntctacc	ctntanttta	ctnagacnan	ngtacgccct	420
gnntctnngt	cnntcaaaanc	ntttnaaant	cnnanagctn	ctttttaagg	gntaccanga	480
tttaatgncn	tttaannngg	aaccttcan	accacaaaa	aanaactttt	nnnntaagg	540
tcggattggt	tcnnantggt	nnatgnggtc	tattcngtcc	ttgaaanann	aatgggattt	600
ctnccnccn	ctntctggan	cgggatnta	agnccacnt	tnenatntaa	aattangncg	660
gnncttctt	tgncceccaa	aacanntgan	ccnantaac	cccagctcct	ttcnggngng	720
agnnttaattt	atttattgta	ataaaaanaa	gggaatttgc	ntcancnant	ccnggaenta	780
attgaantaa	aaaaatcagc	ttntanaaaa	acaaannnta	acncnaaatt	tcnaccacaa	840
antanttanc	tnntaacca	nnntctngc	nagcnnntan	ttctctntta	aanaactntg	900
gggggatttg	naacncccc					919

&lt;210&gt; 2345

&lt;211&gt; 724

<212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)...(724)  
 <223> n = A,T,C or G

<400> 2345  
 ngttacncc ntcgctaatt cactcttcag tagcttctaa aaaataagca tcatcaatgc 60  
 cattatccca gacagcatca gcagatgcac ctgttgacag cctgctaggt gatgggttta 120  
 tgaggattct gggtttcatt gctcctagtt tcatctgctt catctgttgt aaactcttct 180  
 tcctttattt cagtgggtgaa gggatagaga gtgggatagg aaaatattta ctcaggatat 240  
 gtgatttaac cttatactct atgttgaagt aaggatttaa gtgacagata ctaaagtga 300  
 tatgcaggag gaatgctgtc tccgatatct caccgtggga atgagtgcac tgattcaaac 360  
 gttgctgcac tgaagctcag acacacttga aactccaaat ttgaaattac ctacagttct 420  
 gtgcacatac ttttcaatac tccccgacgg aagagcaagg gtggatttaa ttttttaaca 480  
 agtggacagt ccagctgaag acaaatcaga agataaattt gctatcttga caatggactt 540  
 agtaccatg ctttaaattt taaagtattt agcaaatcgt aaacatggat tgaaaaaaga 600  
 ttaaaaacag ttgccaaaaa aaaaaaaac tcgnccttta aaactnttgg gnggcgtttt 660  
 nccntaaatc cnaacttgan aanaactttg ttgggttngg acaancncac cntaaaannn 720  
 nnnn 724

<210> 2346  
 <211> 1085  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)...(1085)  
 <223> n = A,T,C or G

<400> 2346  
 ncnagacnctt ncaactccng ngnttttaan gaaccncg gggccccnnc gggngggtcc 60  
 ctaatnctta ccaacnacn ntnectcgt cacncnaanc cctcgacggn ngggntnttt 120  
 ttttnnaaa cccttaaaac cctccnaatn aagacctcnn ancgntnnc gngatnnat 180  
 gaatatccna tnaccnctg ttnactnccc ntannntnt taccnagang nncngnttcg 240  
 cnaccncggg cacnctccgc annnatngtc cncgngncg ttcgtataat aanntnctc 300  
 gctacggggg tngggancat acggatctcn cnacaatana cctctgatan ataanncgga 360  
 aggcctcggg caatnntctn cgtccgtacc tntcgactct tcananatnc ngncntactn 420  
 catcnntgtg nncncgcacg cntccccatc gntgggcggn tngcgtnta ctngtgaana 480  
 ntcatntctg cnnacgaacn tncncatnca ntatttgagg gcaacacnnt ccnctacaaa 540  
 ntncnccca tccngcgcag gngggtctac ncanacatnn nnntatnntc cctnntcgcc 600  
 nnnaacncag gnaagnnct cnngatccac cccncgnaan antnaaatac tntctcnntg 660  
 antnacctat nanagngngt tnngccnnc naangtcntc ntntccaccn tcttntangn 720  
 tnnnaatngt accnctnnc anngaggcga ncnnnnnnn anaagancca ntaatcaatn 780  
 cnetgtccca tngnnntnaa nttcntctaa cnenaacana ntgaanatcn atcncccgtc 840  
 ncnggggtana ananangana taacnncnnn cntccgcgac natangttnn gnnnttgacc 900  
 ccctactata acncanacnn acnncngnnn gnnngtncg cntnatggac nacgacctat 960  
 caaanncccn anatacgngn cnattccena tncntctct gaattattggn gncnngcaan 1020  
 ngacnccnc ncnangtgnc nnntgncnn ganntncatc cnggntccan agcaantnnn 1080  
 ngncg 1085

<210> 2347  
 <211> 749



<212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1) ... (749)  
 <223> n = A,T,C or G

<400> 2347  
 agntttgaac cccttaccag tacnccgcna agannatttc aacnnnnngtg nttannncct 60  
 atgagannnt gctgnaccta ctganectan gactgcaccn attcnanctc natnnagnat 120  
 gagatgncnn annggacata ttctcnaang nacnngctan atctttntata naccntggag 180  
 gctngtgana aantcgcana nnctcaacct gaatnngcca tnnnngacnt tganacattg 240  
 gnaacgctag accctaagaa natactgcaa tgagngctgt gcntttgaac nctatgacta 300  
 nnagcaagcc ngggangttn tgnctcagnt nanannctct ntanatattg aagagaannt 360  
 catgtttctg aagactccct ncaatgtgga tangataacn naatancaan ntgaagnann 420  
 tgctgngcgn ancggnnnc acctntnann cctnactcn tngaagccn ngtnnnntna 480  
 tgnchnaagtc ctgactncat nactnattcg gttnanataa tgnngccnca tcgntgcnaa 540  
 nnatncnnaa tgaanccgng catnngggcn cttncngta ntcnngctn cctggtaggc 600  
 cnaggcangn gaatcagctt aaaccccgtn anggganagt tgctgngggc ctgatnncn 660  
 caactgggnt tncagctng ggccaccaga ggggagactt aattctttgn aagngtggtg 720  
 ncnatgaana cnntnannat tnttggtnt 749

<210> 2348  
 <211> 1678  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (1678)  
 <223> n = A,T,C or G

<400> 2348  
 acntnacnaa agnatcgann ncaannnnnc ncaanntcga agcnancacn cancnannaa 60  
 cnaggggngg atactnannn naacncaaan acgctngaca cggaangnnn nnnnnnnnac 120  
 ccnnnnanan tnnntntnng angcagcgaa nacancnata nnggtctgat atacnantac 180  
 acacagcnc ngccancnc acanancnaa tntacagcta cgcgcccccc tntanngaag 240  
 tatcaatata cgcgangtga ncgtacgnan acanctnaca caccnmttt tttctncaa 300  
 ncangncgna cccantnaaa nnacgcggcg gnnggagggg ngtanatatt attcnanac 360  
 atanaaatnc gcntaccnnn tancaccnan cncnataaac acncaanaaa nagaccnaaa 420  
 tgaaatgaca nttanccgaa antanccacn acacnncgna tgcaactnnc ntcacangna 480  
 gaaanancaa tnatantatc ancaactc cntacnaccn nctcnngca natncgaanc 540  
 catantnaaa cataantnt gactacnntn nannggttaa cnacgtntag acaaannaga 600  
 ngctcnnaa cacnaaata ttctnncgtn ncaantannc accctnaac atctacanga 660  
 tataanannc cagcacaata cncntcata ncatntnnc agcacacgan nganancnat 720  
 gactnncgat ntannntnnn nannncataa agacgcntac acatnnntna anccnacaca 780  
 ntntcacnaa naaccgacag atcaaannna atgcagnatc cgtcnctca ancnacgaac 840  
 gacaatgcta ctacatacgc ngagcgaccn agaaacnact aangatcnaa ntccggacacn 900  
 caggnncgtn ntnnntgata gacaaaccga cacaagacga cnaacgtaac cagancata 960  
 cncncaaac anncganna tanncgatc taaagacac gaatcnatnc gccaatanga 1020  
 nagcgctctg tncgagatac ncactaagta anccatacnn cggagnaaga cagggaaaaga 1080  
 tcgncacggg aaagncgngn atactgaaag nnnccnnact acacnngnaa cgtgtnaaan 1140  
 gtaacnacgc natcgacctc acacgaccgn cagcctntnn acacanagag aaagcgacg 1200  
 cancacgnga aangacngt tcgnccaaca natnccncaa acganctgtn aaacgcangg 1260  
 cacaagtncg ggnanantnt ncnacacatt acatcgnta atcncacgc nactatnaaa 1320

```

actnnncctc ncacacnnat gngagtcaan ccgnaatan cgcggcgaac aaatggccta 1380
taacanncta caanatacgc agctacatna ctacgcacgt caagcgcccg atnanaccga 1440
canatnnntg atacacnaca ccacacatnn ntactnnega tncntncag nngacangac 1500
ncnngtaant agnnctncc tcgcnatntn tcactnnanc gnagnnacna cnnanaannt 1560
gcatagacnc antcaaagag gatggacacn tnnennanga tanncnanag ctacatcnat 1620
annnatnnnt ngagcnctng atatincaanc tncnactcac aaacacatcn agtgncgn 1678

```

&lt;210&gt; 2349

&lt;211&gt; 1424

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1424)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2349

```

gtactcgtna anaaaccccc cctnttttac ccaaaaacccc ttacctctn ggnnttncctt 60
tttttttgt ccnaatggca aatccncccc atttcgggga gtcccncccc cccnncatng 120
gggtggagcgg ananaanntn acccnacca ntcacnanaa naggcgctct nananctcnc 180
natantacnt atatatnate aannnccacn ataccttaat actatcgaca nancncacta 240
tnngaggggg ggggggggtat ttttttttat gcannacata aaaaantggn tatcactacn 300
ctanacnctt antcatacac gacatctnaa tataactnta ncataatnaa nncncataac 360
caatnntaan atncattttc gnngatnntt ttcaaacnna aataaatnta nttanctctt 420
annattaan aaaganaatn anttcaactca ctncntgant anataaantn nntactncaa 480
naataantnt catacaatta nananntaca tnanttnntt atcnacanaca nacnnntan 540
tnnantatnn cattatacac tacnaagana tattacatnt anctacanca tantctgntn 600
tattctcatn tnatanaaat nnnnatnacna ccntanataa tnatgcatan nntntataac 660
ntnatatnt nctnnatacn tatatacatt atatacntan agatataatc ntntnacana 720
cnaatcatc atnanccegn attnaatnta cagctacaca aatcatgnta cncnctacna 780
taaancntcg ntatntacat aaaaacacaa atgannacac actaagtnaa tcaaanatctc 840
atactcgtat ntctcatgtn antacacntn ctacngagac tgnantacac atatacacta 900
tcnctgtan aatnngtgaa atatinataa nacgaccnga ttgccgagtc atnngataaa 960
tcanacactg tcaantctcn cnananatgc annactacta tcaacataat annataanat 1020
anancctct atatacattat nctnatata tacnctaata cattnataat gannaatanc 1080
tatnacaata cattatgaca ataatacaana tctacactnt aacnataatca tnatnatatn 1140
tatanagcac ttatataata nnactantnt naacanatat ntctagacat nacaacntnt 1200
natnacacga tanataatnt attntanaa aatanatatn nccntgcta tnatnanang 1260
gntaatnctt aactactcnt aagannatat ttatcanata ctaacnnnan naatntccac 1320
nngnatctat antatncngt actaaaaaat nnatntaan nacntntnnn tcatnaaagt 1380
anacaattat aatacanaaa cctcntaaat antntncana aang 1424

```

&lt;210&gt; 2350

&lt;211&gt; 723

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(723)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2350

```

tanacntccc aaatgtggga actgncnaa cnaannngan caacntcaac ggngtncnta 60
acntaatcnt aatngentcc cgagacatcg cggntgggga ggagctcctg tatgactatg 120

```

```

gggaccgcag canggettcc nttgaagccc acccggggct gaagcattaa ccggtgggcc 180
ccgtgccctc cccgccccac tttcccttct tcaaaggaca aagtgccttc aaaggggaatt 240
gaattttttt ttacacact taatcttagc ggattacttc agatgttttt aaaaagtata 300
ttaagatgcc ttttcaactgt agtattttaa tatctgttac aggtttccaa ggtggacttg 360
aacagatggc cttatattac caaaactttt atattctagt tgtttttgta ctttttttgc 420
atacaagccg aacgtttgtg cttcccggtc atgcagtcaa agactcagca caggttttag 480
aggaaatagt caaacatgaa ctaggaagcc aggtgagtc cttttctcca gtggaagagc 540
cgggaccttc ccctgcaccc ccgacatcca gggacggggt gtgaggaaaa cncctgcctc 600
aatggcctgg acgggatgtt tccaagctct tgttccccta acgtctcaac angcgctcac 660
tgaagtgtat gaatatTTTT taaaaanggt tttgcagtaa gctaattctt ccctntgctt 720
ttc 723

```

```

<210> 2351
<211> 724
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(724)
<223> n = A,T,C or G

```

```

<400> 2351
tganncnntc gantcggcac gagcttcata taatgannct atnangncna aggnaaatta 60
nncaaangtt aagncnntgn gtccaaggnc nttcanntna aaaangganc ngggattnga 120
acctaaagta nccataaaat ccttcctttt ctacaccacc atggtacctc ctatagtaag 180
ctgaattttg cctctaagct actagtcctc acaatttagt ttacaagtca tctggggcat 240
aaaaaccaga cacctagacc ttatgtagag attgctacag cacaggaaca ggtgtcttag 300
caagcatgac gtacaactaa gatgtggggt accatggaac ccaatttgaa agtaatagtt 360
ttacattcta aggtattcca actatttttt ttccttaagt ttcacatctt gatagaccct 420
ctacggaatc tcttctccta aagcttgttt ttacagtgat cttgccattc ctggtaccat 480
acacattatc atctggctctg tgggttcactt ttttttttaa atcattgaac cctccttcac 540
ctggcttttt aaagccaaaa gcttttctgg agccccaaga tcacccactc atgtacttcc 600
tcatttttag gcagtttaca aaacattcac atttggtatc tctgactctt aaaacatncc 660
tgngtagaan gcacaacagc tattattttc attttggagg ngaaaaanac cagggtacac 720
tgct 724

```

```

<210> 2352
<211> 761
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(761)
<223> n = A,T,C or G

```

```

<400> 2352
gntattcggt cagctcttgt tctttttgca ggatcccatc gattcgaatt cggcacgaga 60
gatagtctct gaatttagaa ctgggacgaa agtgtncata ataggctntt ataaaaattt 120
tagaattgga tttctaaact tggggtcagt gaacttagca ggcttaagca gtgttctcag 180
gtttttctgg cacagacaag gaatataaga ggaggagaga aaaggagaga cagtagtggg 240
gagggaaatg aatgagagaa gatagaaaat atggaattaa tagagaaagg atacatgaag 300
tattacaaga ttttcttgga aaaattggca tttcagtgat ggatcaaaga tgtctaata 360
ggcaaaatac tactattact taaatattta atgtttttaa gatttgagga taaaaggata 420
tagatctgat ggccgttcat actaattgct gtantgttga tgttgagag aggggtaatg 480

```

tatcaagaca	gagcagacag	accctttaca	atgagagcag	aagatatgtt	gtttactgat	540
tctactttcc	cacaaaatgc	taatgctttt	ataagtcctt	cctccttatt	ttctagatta	600
actccttggt	cttncctctaa	acagaggatt	atngcagaca	ggccaaaaaa	aagcctctag	660
aactatagtg	agtccgtttt	ccgtanatcc	agacatgata	agatnctttg	atgagtttgg	720
acaaaccnc	actttgaatg	ccgtggaaaa	aatctttntt	t		761

&lt;210&gt; 2353

&lt;211&gt; 732

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)... (732)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2353

ttanncnntc	gantcngccg	aggtcttttn	nacnngtacc	agcnnagnat	nttttttttt	60
ntganatnat	ttttgaatgc	ttttgtgtgg	aaccacatgc	ntcataatag	atncaaattc	120
atgaaagtat	aacagttaaa	tactagatct	tactttttca	ggttttgatt	tctcatctaa	180
actttccaat	gctttatcag	tgaagcaaac	taactcacat	tgactagcct	gctctccttt	240
agcaaaccct	tcaaataaat	gcctcatttg	ctcctcacca	ctatcatttt	agattggcca	300
gacagttgtt	acttaccttt	taagaatgag	gagacaggta	gccgggtgcg	gtgggtcaca	360
cctgtaatcc	caacactttg	ggaggctgag	gcggtgtggat	cacgaggtca	ggagatcaag	420
accatcctgg	ctaacacggg	gaaaccccg	ctgtactaaa	aatacaaaaa	attagtcagg	480
tgtgttgggt	ggcacctgta	gtcccagcta	cttgggaggc	tgaggcagga	gaatggcatg	540
aacccgggag	gaggagctgg	cagtggagctg	agaccacacc	actgcactcc	acctgggtga	600
cagagtgaga	ttccgtctca	aaaaaaaaaa	aaaaaaaaaa	acntcgcccc	tttaaaaaatt	660
tttggggggg	ngttttcccg	gnaaacccca	acttntaaaa	aaaacctttt	gtggagnttg	720
ggcaaaacn	nt					732

&lt;210&gt; 2354

&lt;211&gt; 757

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)... (757)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2354

gntatncgtt	cagctcttgt	tctttttgca	ggatcccatc	gattcgaatt	cggcacgaga	60
aaaatatggg	ctgggattac	aggcgtgagc	caccacaccc	agcctttctt	ttagtgcctt	120
aaatatattg	gccctctgcc	ttctggcctc	caagtttctg	gatgaaaaat	ctgcttgtea	180
ttttattgag	gatcccttgt	atgtgacaag	tttcttccct	cttgctactt	tcaggattct	240
aactttgcat	ttcaaaagt	agactataat	gtgtctcagt	gtgggtctct	ttgagttcat	300
tttacttgga	gttacttgag	ctgcttggat	gtttatatgc	atgtctttca	tcaaatttgg	360
gaagttttca	gccattattc	ttcaaacata	gtcataagct	gcataatgac	attttggtea	420
tcaatgaact	gcataatga	tggtggcctc	aaagattata	atactgtatt	tttactgnac	480
tttttatgtt	tatatgtact	tagatcacia	atacttacca	ttgtgttata	attgcctaag	540
tattaaatac	agtaacatgc	tgtacatatt	tgtagccttg	gagcaataag	ttatatacca	600
tatagtttag	gtatacagta	gctataccat	gtaggcttgg	tataagtact	ctctacgatg	660
ttcacacaat	gttgaaatca	catganggat	gtattctcan	aacataattt	tggttggtaa	720
ngggatgcat	gactgnattc	tctctgcccc	tttctnt			757

<210> 2355  
 <211> 828  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(828)  
 <223> n = A,T,C or G

<400> 2355  
 tattatncgt tcaactactt gttctttttg cangatccct cgattcnaat tcggcacgan 60  
 ggncnacnnn tttntacact tngaacccca cttttntccc ttgcccntt tgcngtgtcn 120  
 ctttttgccg gaacccccct ttgttgcccg ttgaaagggn cgttnttggt gttganacgc 180  
 cgggtgcccc nccccaaaaa aggagggtnt ttaaattgna nttcntnttt tntgaggnt 240  
 ccaaggcntt tggncggaaa gtggntggnt gccttttgn attgaggacn tcntggcntc 300  
 caaggggagc ggcttgccac cntctgcctg tgaactggag gcaacntggg gggccgggcc 360  
 accagtccac antggcaatg ggtggtcctg gcccggtgc aatggtcgtc caccgaagtt 420  
 ggcctacttn tcgcttaagc gccttgccct tgataanggg gattgtgctc tttgggggat 480  
 gaaganggca acgttggttg cttttacgac gtcagccaac atnctgaagc agccccccc 540  
 ttgcttgccc ggcagccctt gcaggcccc acacagatcc tgaagtggcc ccaacccttg 600  
 ggcccttgge caagtggga accaaaaacc atngtngaac acaagtnggt nggncaatgc 660  
 cttcctttaa ncttaacctt aaccggccct tgacnggaac ttccnaacat tcgtnaacc 720  
 atttttgggg ggaagggatt ttaaacctt taaanacca ntttggnaaa aagggnacca 780  
 agggggaccc ccaagcttta actttaacnt ttantttcaa nccntttt 828

<210> 2356  
 <211> 1197  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1197)  
 <223> n = A,T,C or G

<400> 2356  
 cgtcncncan ctngtnatn antnatntnn gtgantntn tntnttctnt tgnnacntnn 60  
 tgttgatgn tntgcgtgn ncntcatnag atttcnatt angtnnnng atctttgtgn 120  
 nangtgatta nttnnnnnnn nntatngaa acccccgnt cgaantcggc acgnncantg 180  
 ntentanntg tngnatgctg tctccnact gtnggtagn atgttgngtt ggggggnggg 240  
 ntcccatata tcatannmtt cntaaaattg ngangntntg atggagnggt ttttttntcn 300  
 agcnntttta aagctnagtn gnttgtnct ctntgccc gnnatagnng nnttnnnggn 360  
 tgtgtccnnc ntnggtnnna gnnntntnt nttnnnntgn tannnnnat gtanctagnt 420  
 cataatttgt ntatnggaca ttnnccact tatatttaat ggtgnttnnn gtcnancgg 480  
 attntntatn tnttctatt ntcanttnn tannnatntc cnnggacgna tccatntgta 540  
 tattttcnen tatgnnnngn ccnnatggg gctttgtcac atngactntt gtactnnacc 600  
 nattgcccct ataaanmtt tttccncat ngnttgaaan ggngatanga caaaaaannt 660  
 ggatctnctn tgtgcttnat ntnttgannn ttnatatntc gccgnatnt ntntnnannt 720  
 annnnnttn aatnntgcat anctntant nngatganta tngtgntatg nntgntntn 780  
 tattatctat tncantntt tacagntctn natntnnntn tntactnnt ttttnatn 840  
 tgtaatgtan gnatnagnt ngctgtatn nttnntcna ttnnnntnn tccntntata 900  
 tntatanant nactttancc nnnntntat ngntcgnttn tctntcatng tcttctatc 960  
 ncttntanc nnttattnt tttgcnttn anatntaan cnatntngc naannanaa 1020  
 ttgntgnntn ctctgatnta tatgctntc agctatcttn natatcgnat tatgataatg 1080  
 tcnttactta nntanattcg ncntattatt nncnncgtn tgantntnt agtnggattg 1140

acnttntttt tctntnnnt tancnttggg anntagtgnn ntnnatcat ctnttng 1197

<210> 2357  
 <211> 921  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)...(921)  
 <223> n = A,T,C or G

<400> 2357  
 aagnnaacnt tnaacgagca ggcctccacg gccanncagc tgctcacact ggacaccacc 60  
 tctatcctcc tgcgctntg ccctgtnttt ntctgcccga gaacgccgn ctgctggcnn 120  
 ngaaggcgag ggcggnangc cgctgaatgg gactttncgg nttggaacca acccccaaaa 180  
 aaagggangg nnttgttnaa aanaggaaaa ttcannattn tnntgnaggg cctcanaagg 240  
 nntnatggna annngagnan atngnaaatg ganatagcaa ttntggtnaa atggagggac 300  
 aatgngggang gncntccaaa gggggaaggc gggaccnngg gcncnaattc tgcctnttgg 360  
 gaagnttggg aangnaaaaa nntnnggggg ggggggnccg ggggcnaaat ccaggttnaa 420  
 aaaatnngan nagtggnatg gnttcctnng anactgggct tgngaaaang gtaangtcca 480  
 atccnngangn gnggccttta tttattttgc ttaaaataac nctnatccng natntaaggg 540  
 gtaatttggg natacngntn nggggaantn anncanggtg ganatnatnt ggnttaatta 600  
 nataannaac ttanaaaaaa aattatanaa aanaangaaa tcccatatna tnanattaaa 660  
 caaaataana nnnanacntt tgaactanta aacnataatg aantncctca actaaaatnt 720  
 ngannaantt gaatttatga atcannantt caaatatana ttataattna ttaattntat 780  
 atanannatt antannattt nantatannt nntacntaa nttataatct ctnaatttta 840  
 nttannnana gaaaatanta anannncatn aaatnttnat taatttttaa tnnattnnct 900  
 gntatantan ganctntatn c 921

<210> 2358  
 <211> 870  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)...(870)  
 <223> n = A,T,C or G

<400> 2358  
 annnctcttg actcctgtct ttgnggatcc ctggttcgaa ttcngcacga gggantatcc 60  
 tggtnagggg gccttttttn cnggncttgg gggccttggg atcccggggg ttncagnntn 120  
 agggnccttn agtcctcan accngcaaa tattttgcgc nnangaagna nggtngtnn 180  
 gtanctaagt taaacttaga ancagaccct cattcagttt tantaatgta ttttngcaan 240  
 ctactgtaaa tagcaaatca atgccantgt taaacaaaga ggaaacgttg tgtggncctg 300  
 gttctctngc accggtatit canggaacat ctgcttgcca tccccacagc tctttaaacc 360  
 ctggctatta tggngtgccc tttcattcnt accatttcta atcatacctg gcagggaaaa 420  
 aaacattggg attcagcctt aagactggag ggaaaaaccc tctccattt antggttggg 480  
 taaggaaaat tantaggatg gttttggagg aagaccacct ttttttgggt aaaaccnag 540  
 aatatttggg acctcccagc caacctatit ggggggttaa taatttttta aggttcaatt 600  
 ggntcctnca attttaaatg cctaaaatat tcccttttat aattngcctt tnaataaatt 660  
 ttcctttttt tttccttttt tttttttttt taagaccngg gggctctcgc ctcttggttg 720  
 gccaggcct tgggaggggc aannggcnn cnancttgg cttttctggc aanccttng 780  
 ctncccagg ntcaagccga attcttntcg gctttcaanc cttncggagg tagctnggga 840  
 ctacaggcgc catgccccnc natgcccnc 870

<210> 2359  
 <211> 722  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(722)  
 <223> n = A,T,C or G

<400> 2359  
 ntttgaccnc gtatggcgcc gagaatagcc naattncnta gannaagaan caaaanggca 60  
 atctgagtag aagaaataag gagaaaggag gagagggtgtg aaaaaaagtc ctttttctga 120  
 gaacaagcat tcaaacagat aaaacacagg ttccataaag aaaagttaaa tgtcccacta 180  
 ctatgagtca aaatgggtgca tttgcttttt cctgggtttt gatttattgc cctctgtttg 240  
 taccaccacat tcgcatcctt ggcacagact gtcatatgtc acacattcag cctcctacac 300  
 ttccaccacca caatctcttt accttccttc ttaatgttca cctcatttat ctttactcag 360  
 ctaaaagtcag agcactagac agtgttccca caaccgtctt caaactcatc tgtatttcat 420  
 aatctctcct ctagttcaaa ccagcacagg tcagctgaaa ctctgaattc tacaaataaa 480  
 tatttagagg aagctaactt catcagacac tcccctatgc tctcagttca aacgaaagtt 540  
 tctgttacat ttcacctacc tacagcctta cctcactcag ctagcattag actactcagc 600  
 aatgagttcc aacattgcct tgctaaaaag caaggnggct cacaacaag acttcagcaa 660  
 agatgcattn aaatgtgaag tctgcatttg gtcaaggcta ccttanatgg agtaatcatg 720  
 gg 722

<210> 2360  
 <211> 1335  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1335)  
 <223> n = A,T,C or G

<400> 2360  
 naggcnagcc cncnctatga gacccagca ccatggacaa gggaaggaca cgccattttt 60  
 nncnggcnc acacgacaaa acgggggggn tnaaaanaac ngtnccacn tntctnnaaa 120  
 cccccagcac ggnnnngnac cnaacgaaaa agnncnnaag gcantaancc nggcnngggc 180  
 anaacggcnc gcaacncccc ccnactggc tnaaagngga ncaccctaaa ccnngngnaa 240  
 acgancgggn gaaatcggcg canncaccaa acccaangng tgnnccgngn gnggncgtaa 300  
 anngtanana anacannccg anaaacggng cnaacctaaa nngacangng cgnntggcnc 360  
 accccaannc acccnagcaa cccacanaaa acggggcnan cgcngnnagg nagaccacnc 420  
 tncnnntcgc gaacacngng caggaccenc gcgcncgann ngcataggng gcacacacac 480  
 tacnaaaggn acncnangan nggagcatca nagattacgc tcgganaccn acncaccccg 540  
 cggnatataa accgnnanng aaaagcaagc gcgccacnag agnanggaca ctagataana 600  
 cccntcgcga naccnncnat cggaccnna cngnncacng nggagcacan gtganncccc 660  
 taagangtga angaacnctg gggngcaca aanacaccgc gacacncaat atnggggcta 720  
 tctacgaaac ccancggata cagcagtnca anancnagcn ngaaacacac gnnnnngcnc 780  
 tgggaaanca gcacaatcng caaggcacnn acccgaacnc nncgatatgc acnnncaacc 840  
 nctctacctt anangcgcca aacgagacna nctannaaag nacaccgtga acagggaac 900  
 aacatctgng gncantgaca cactnatcgc acacaannac gtncaaggca tangnagaat 960  
 ncacgnagnn aanacgagna taacagnggg nnaatnngac gggatncaaa aaaaanngcn 1020  
 ncgagcagta catcaaggca canaacntga gcaantcncg caacacanaa ggacacgcgn 1080  
 naagnanac caaatannta ncggggacnc ccncacgtaa nananagtcn cnagaacgaa 1140  
 actntcattg ngagaccnaa ncagntcaca gnangantct tncgaccaac cnnntgnaaa 1200

```

cacgcaccgg ggaaaaannaa nangccancn caaccaaanc aagcgggana cnaaaagngg 1260
cgcnacnacc ngatgnnacn ncannaaggc aagntcacag ncggaangan ctnnnnancc 1320
aactnnnagc cgcnc 1335

```

```

<210> 2361
<211> 1082
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1082)
<223> n = A,T,C or G

```

```

<400> 2361
tnnnnnnnnn nnnnnnnatn nnnnnnnnnn nnnnnnnann nnnnnnnnan nnnnnnnann 60
nnnnnnnnnn tnnannnnna nnnnnnnntn nnannntann tnnnnnnntt cnnnnnnnan 120
nnnnnnnnnn nannnantnn nnnnnnnnnn nnnnnnnnnn nnnngttttg aatcctttcn 180
naaacaccnn cannnnnnnn tananatnna nnnnnanccn cccactgan gnnnaaccca 240
tnanngnntt gggactgggc tgantntaca gattgatgag gacattcaac taggatggct 300
atgatattct ggagaccata agtganggtc ttcgctcacc ccgagtagat atttngcatt 360
acanttgacc ccatatacac caaggcaaaa aatggctcct gggcagcang ctatggggat 420
ctggaacact gnaatccaat cagncattca agagggcagc actggaaaaa ttgcttacia 480
gggaaattct tgggttncca gcgaacttgg ggacccccc ttnaggcatt ntntaagcaa 540
accnnggat aanatcgntn taatggggct ccaaatncaa ccnggnattg cccntttggg 600
cctaacnctg ngcnnaaaaa ngngntnnnn tgggantttt aaatacaatg nanttcctcn 660
nccccaannc atgnnnangg gcnannnanc nngaccttac tcngegaagc ccnnnnantc 720
nnttcanaana tgnanatan nnnacantnn ctnnannnat ggcantntnt anagaanaaa 780
gtatntannn cgttcttgcn acatcnncgg anattntttt atcnctntnt tnaannaccc 840
ccaagaaaag ntnacccctt tagggcttaa ntggganggg ggttctgggg ggncnntgg 900
ntttacaagn gggnaacccc atnaaaanng gaaggcccaa cngcaaanat tnanctctt 960
gngcaaaaaa ccaancctnn aantnctca naanacataa nnnnnngctg ccgggntnng 1020
nttctntnna tctctctntn ttttnnaann atcttctctt tcnattnnnn nnnctcaaat 1080
cc 1082

```

```

<210> 2362
<211> 1687
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1687)
<223> n = A,T,C or G

```

```

<400> 2362
taanncccca annacnann caantcnnnn ctgatntnec aancnnangn nttttatctt 60
acanttcaaa naangggggn acnnnacata anctngacnt taannncgaa ntcgncnga 120
ggncacancn nnnccgcan acctnttatg cnntggnatc acactgacna aacatactnc 180
tcactnctt ncnacactct ccatntcn cnactatanc tctctnatct atactanant 240
tcactnctg gntcagacat ntnnnnnnt nctnannnc tctnaactca ataancn 300
ctactnctc actcatntca ttaagtngn tacnactat acactntnta cttctcn 360
atacnacnac ncnacatat attengatnt ctacngctat ntccntatc tcncaacna 420
nactntcatc ntctannnc ntnccatcta nntnncnnc cgtmncatcn ngnnnactan 480
nacaacgctc acantcatna ttnatnncat ttcgcatgac ancnantctc ncctttnttc 540
acgnacanca ncngtccanc tacnncnta cncaactaat attnnctcgc tcaacanntc 600

```



```

ntaatnnatn nnttcanttn ntntatcntt nnatnatnnn ctaaanatgn attncttcnn      660
agctnnntnecg cncgactntg ncaatccanc ntanatnacg ntnacnatcn tctnnacaat      720
gntcntctttt atencatncn cncntnntnn caccnctntc tcgctcactt ntncccatan      780
aatgatatat cntccanaca atntacgtgt natcaactac ncnttgnaa natgcagtat      840
accntcgant aanatcnctc agtctcnacc tgacatntna ctntcacttn aattctcnac      900
ancntannnc antnaatnat acatcttact nactntnccg ctaacgctct acncgngaca      960
ttgtantcnc tatnatnatn tcnctactn actcngcata gacctcactn gtanagantc     1020
tncananatg tcnngctnng tcntntgtgt aaccaanact attgctnaaa ctatcatntc     1080
cncctctccac tcaactctatc ncactatant cntanccan ancntttnac tctntntata     1140
tcatatnant acacncgcgc ancgctctcg nctctntntn ntctnncanc cctntcntnc     1200
tnatctcttc tcannnatna cataccgcca tcatagcttc ncactatnct ncataatntn     1260
tacacgataa cgcattnatct gcaacntnnn cactantnan tnnctnnacg tnaactennct     1320
tgantcnnct acannnnngac nnancatate ntccccgann atnntctntg cntacnnnnn     1380
nattcannct tcnacntntn ncactatnta cncctggac aactnnatac tacnncgcna     1440
tagctnatan cactcnnnct acnnatctca cntactccac tgnnnnttac naacattcnn     1500
ntcatgatat atganatgcc nntnctacgn atnnantann ncnnctntnt ntcatatcnc     1560
gnaaannacg cgtagcnatc ttactccang tcnattneet cccaacatnt ntaactnata     1620
tnanctctng nctcactacg nacnncatan cctcaatcnc cataacacnc ntatccanca     1680
tatccgn                                     1687

```

```

<210> 2363
<211> 780
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(780)
<223> n = A,T,C or G

```

```

<400> 2363
nnctaacctt gnaancccg nntttgcaga cccaanagga ccccggttac cgancncgca      60
tncgncnna agggagttht ttnnnaatcc actggcccgg ngntccacag cggngggan      120
tgggaaaacg gtggcgctnc cggcctngac cngcggggng ggananganc nnacacacnn      180
nntngcggac actcgaang gnnnaaannn ggcnnctgtg gaaggaaggg aaaaganngn      240
atnnccaata ggangaactg gtcaangaga tatcanngga aaaaagganc gaaatctnac      300
ntcttncnca caacatang cnagnnatat ncagacgatt atagacctaa atgtgaaagc      360
aagacacatc gtnncagatg ataatatagg agatgnctca tgactntgca ttagtggaag      420
tgtnatnaac ctacacccag atgcctgtgc tgatactgac atgactataa tagagnggga      480
attngccagn ctgcactcaa tgcctgtc tccaaccatc ttaataagg catcaccatg      540
tgcctacct nttaaggagc aactagaacc actaagacca aaagagaatc ctactcctt      600
cccttntcnc gntcgtctca cctcttttgg ntcaggtag nggnaacttg gaagcttaat      660
ntggaactac tgggatattt ggactnggga gcccncaaga tacccgaanc tggggatttg      720
gncttacntg gaaaacacag catggggaaa taaacaatta aaacctnaaa naaaaaccaa      780

```

```

<210> 2364
<211> 730
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(730)
<223> n = A,T,C or G

```

```

<400> 2364

```

```

ngttttgacn cctnannant cggcagcact taaagatgca taacanagtc aggggattca      60
ttctatatga tatccaatga gtatggcatt ggcataaggc tagacaaaca gggcaggaca      120
gagggagtga atgaacagac acacatatat ttggacactt gaatgtggat aaaagaggca      180
atgtagggaag gaagggaaaa gatagtcttt tcaatagaag gaactggatc aaagagatat      240
tcaatggaaa aaaagaacga aattttacct cttcctcaca acataagtaa gttaattatt      300
acagacgaat tatagaccta aatgtgaaag gcaagacaac atcgtttcca gatgataata      360
taggagatgt cctcatgact ttgcattagt ggaaatgtta taaacctaca ccagatgcc      420
tgtgtgata ctgacatgac tttaatatgtg tgggaatttg ccagtcctgc actcaatgcc      480
tgtctcatcc aaccatcttt aataagtcac caccatgtgc ctaccttta aggagcaact      540
agaaccacta agacaaaag agaatcctca ctcctcccct ccttcgctcg ctcaacctct      600
ttgtttcagt atgtgtaact tgaagctaatt ttgtactact ggatatctga ctggagccac      660
agatacagaa tctgtattgg tcttactgaa acacagcatg gaattaacat taaacttaaa      720
taaaacaaac

```

&lt;210&gt; 2365

&lt;211&gt; 728

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (728)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2365

```

ngttgaccnc nntcgattcg gcacgaggat agcccacctc atgttcctgt acctgaactc      60
tcaacagaca ctgttataaa tgtgatcact aatatgacaa ccaccatcca gagtctcttt      120
ccaaatctcc aggtttttccc tgcgctgggt aatcatgact attggccaca ggatcaactg      180
cctgtagtca ccagtaaagt gtacaatgca gtagcaaaacc tctggaaacc atggctagat      240
gaagaagcta ttagtacttt aaggaaaggt ggtttttatt cacagaaagt tacaactaat      300
ccaaacctta ggatcatcag tctaaacaca aacttgtagt acggcccaaa tataatgaca      360
ctgaacaaga ctgacccagc caaccagttt gaatggctag aaagtacatt gaacaactct      420
cagcagaata aggagaaggt gtatatcata gcacatgttc cagtggggta tctgccatct      480
tcacagaaca tcacagcaat gagagaatac tataatgaga aattgataga tatttttcaa      540
aaatacagtg atgtcattgc aggacaattt tatggacaca ctcacagaga cagcattatg      600
gttcttttcag ataaaaaagg aagtccagta aattctttgt ttgtggctcc tgcgtgtaca      660
ccagtgaaga gtgtttttaga aaaacagacc aacaatnctg gtatcagact ggttcagtat      720
gatcctcg

```

&lt;210&gt; 2366

&lt;211&gt; 728

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (728)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2366

```

ctttgacccc tttcgantcg gcacgagggt aaagcggggc ctcacgatcc ttctgacctt      60
ttgggtttta agcaggaggt gtcagaaaag ttaccacagg ggccagaact tccaccttgt      120
ggtcaattgt ttcaagtgtg tgaccatact tgtcaagaaa gtcaagtctt accagataac      180
tgaaaaacag ctccaagttc tactggccta tgetgaggag gacatttatg atacttcaag      240
acaagccact gcctttgggtc ttctgaaggc aattttatca agaaagctgt tgggtccaga      300
aatcgatgag gtcattgcgga aagtatccaa gttggcagtc tctgcacaaa gcgaacctgc      360

```

caggggtccag	tgtagacagg	tttttctgaa	atatattctt	gactatcccc	tgggtgacaa	420
attgagacca	aacttggaat	tcatgctcgc	tcaactgaat	tacgaacatg	agaccgggag	480
agagtccacc	ttggaaatga	tcgcctatct	ctttgacacg	ttccctcagg	ggctgctcca	540
tgagaactgc	ggaatgttct	ttatccctct	ttgtctaatg	acgatcaatg	atgactctgc	600
cacgtgcaaa	aagatggcat	ccatgacaat	caagtcccta	cttggtaaaa	tcagcctcga	660
gaaaaaagat	tggctgtttg	atatgggtac	cacttggttt	tggagcaaaa	aaaaccgctt	720
aaatagac						728

&lt;210&gt; 2367

&lt;211&gt; 1109

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (1109)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2367

cngngcntga	gnggnnggnt	atnngtannt	aacnatgatn	gttaganata	nctnctgtgt	60
tcncnanctg	nagtancntg	acncnntnta	tcngncntgt	nnanagntng	aangtagggg	120
anagtcnnc	cannngant	gaaccccgta	tcgtaggggtg	taccccanac	agccancata	180
tncnttcaaa	tacanggaat	atnngtgngn	nttaaaaaat	atnaaacat	cattgttnt	240
gtnacacaan	gggaggngng	tgnttacatn	ngaaaaanaa	anncttntg	gaaaacnnag	300
gaaacnntng	ngggnannan	nagacttttt	gcatgattag	ttatttncnn	agncntnngn	360
aaaannagg	aacttatntt	aaacctngga	ggtgtaggct	gcngtgcnan	tcanttttta	420
cnctcacnag	ngnaggngc	nccaanntgg	gggtgnnaan	ttgttaaccc	gggnntggn	480
nntaataaac	gagaagnct	gtanntttct	ccnaganata	ccnggggtgg	naannncgat	540
anatgtgnac	caatnggaag	nctanttnna	cttcnctagc	ccgtggctat	ncttggngaa	600
ancganncn	cttcnatgaa	ctatccccc	aatgcnngtc	ttnttctnga	gnnatttggg	660
gataangagt	ttnnnaann	aaaattattn	gcgggtntag	ggggcttcgg	gnaaagtggg	720
gagggcntga	tcggttnagg	gttgagang	ggactaaaan	ggggggcg	nannganaat	780
nanccttggg	tnctctntg	ancnctggg	ggggaatggc	aaaaaannng	gtngagcnca	840
gaantggcgg	ccttggggnn	gggggncnag	ncttgggaatc	ccantcntag	tggccggggg	900
ttctgaccca	aaaancntc	ctgaanncgg	nanggnntc	taccanattg	gggggngata	960
aatanangcc	cncngngna	nncccaantt	ttngngggaa	agggggatnn	ntnnaantct	1020
cttttggggg	ancccccaga	aaagggnctt	ggngnaagga	anncncncct	ananaactng	1080
ggagaaanat	gttncttanc	gcccctgnt				1109

&lt;210&gt; 2368

&lt;211&gt; 754

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (754)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2368

attatncnnt	cagctcttgt	tctttttgca	ggatcccatc	gattcgaatt	cggcacgagg	60
aagcacacct	ttnnnnnn	ccccnngagg	gccgnggnan	cntgaantnt	ggctttntn	120
ntgtaaagat	tgantctntg	antcggctac	agtctcaaag	ggcantgctt	ctgcagggca	180
ctgaaagcct	gaaccggg	acccaaagta	ttgaacgttc	tcacgggatt	gccacagaga	240
ctgaccagat	tggctcagaa	atcatagaag	agctggggga	acaacgagac	cagttagaac	300
gtaccaagag	tagactggta	aacacaagt	aaaacttgag	caaaagtccg	aagattctcc	360

```

gttcaatgtc cagaaaagtg acaaccaaca agctgctgct ttccattatc atcttactgg      420
agctcgccat cctgggaggc ctggtttact acaaattctt tcgcagccat tgaacttcta      480
tagggaaggg ttgtggacc agaactttga ccttgtgaat gcatgatgtt agggatgtgg      540
atagaataag catattgctg ctgtgggctg acagtccaag gatgcactgt atagccaggc      600
ttgtgggang agggaggaaa gatgaaaaac ccttaaattg gaaggaaacac ngcacaagac      660
cagtatgatt tccaaggtaa taaatgctgt ttatgacttc tttaaaaaaa aaannnnnnn      720
nnnnnnnnnn nnnnnnaaaa aaaaaaact ccct                                     754

```

```

<210> 2369
<211> 733
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (733)
<223> n = A,T,C or G

```

```

<400> 2369
ntttaanccc cgntcgantc ggcacgagnt tgaggatctc gaccttgtcc ttccagcagg      60
tgctcccaag ccacctctgg gcctgagaat aggcatacaca tgactctgtt taatcctccg      120
acacagcaag gatgccggga agcaggggcaa agtggttcaa gttatccggc agcgaaactg      180
ggtggtcgtg ggagggctga acacacatta ccgctacatt ggcaagacca tggattaccg      240
gggaaccatg atccctagtg aagccccctt gtcaccgcgc caggtcaaac ttgtggatcc      300
tatggacagg aaaccactg agatcgagtg gagatttact gaagcaggag agcgggtacg      360
agtctccaca cgatcaggga gaattatccc taaaccgaa tttcccagag ctgatggcat      420
cgtccctgaa acgtggattg atggccccaa agacacatca gtggaagatg ctttagaaaag      480
aacctatgtg ccctgtctaa agacactgca ggaggagggtg atggaggcca tggggatcaa      540
ggagaccggg aaatacaaga aggtctattg gtattgagcc tggggcagag cagctccttc      600
ccaacttctg tcccaccttg aaggttgagg cacttctttt tcaagatgcc aattaaagag      660
cacttttatg agtcaaaaaa nnnnnnnnnn nnnnnnnnnn cccggccctt ttaaaaantt      720
aaggggnggg ctt                                                         754

```

```

<210> 2370
<211> 765
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (765)
<223> n = A,T,C or G

```

```

<400> 2370
gatngatcnt ttgcaactnc cgttcttttt gcaggatccc atcgattcga attcggcacg      60
aggtttgaaa tgaatgccat attaaatntt tncctttttc ctngnctat ggggggtaat      120
ttnaaaancnn cngggcctna ncgngttttt taancttttg tagtaaatga ncntttgaaa      180
tccattttga taaacctgct gttaatgttt tttccccctt tgtgaatgtt ttctaacttn      240
tcttggtaat tgcaatttaa ctagggtgcgg tggctactaa agttcgaagg cacgatatgc      300
gtgtccatcc ttaccaaagg attgtgaccg cagaccgagc cgccaccggc actaacctat      360
gaccttctga cctctgaact cttcacccaa tgatgacctg accatgcctg cctgctgatc      420
aagttaactg gtaatcgctt ttgcttgctt gtcgtcagtg cagcgagctg aggcacttgt      480
cccgttcgtc ttaccatcta accaaacaaa agacaaagaa attgttgccc tccaactcag      540
cttttttttt ttttctgtt tgggtgaaag tggttctaga aactgcaactg aatagtagta      600
aagcaataag gcccaattca tcccacagca ctgatcatct ttaatatcc caccctaagc      660
gaacggtaag aaggcctctc ttaagaaggg gagacagatg ggccttaact actcaatgac      720

```

agangcaggt tactggggag aaaacttcta ggaatctttt tcttn

765

<210> 2371  
 <211> 732  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)...(732)  
 <223> n = A,T,C or G

<400> 2371  
 ntttaaacct ngatcgantc ggcacgagta gaagaaacac acagaacaag cagcctgaca 60  
 tgtaacagag caggaaagcc ccccatgtc cacctctacc tcattttgtc aagtcttcaa 120  
 gagacctcca ggccagtgca ctgtgaattc attcctctgg gtttaggcac tcacctcccc 180  
 gccacccag agaggtagca tattaaatca ttaacagaat ctaatataaa ggggccctgt 240  
 gattactggg aacaagttct cctgatttat atgcgattga accatattcc ctggagtagg 300  
 tccttttagag ctataagccc ttgccatgat cagccccag catcttctct ctactcctc 360  
 tacaggggac ttaggaaaac attttctgag tcttaccxaa ctttagcttc tgctattgct 420  
 actttttgat gctgtgcaag cacctgttga ctcagtggtt ctcacccttc ttggagtcac 480  
 agacccttat aagaatctga ctgaagccat ggatccttcc ttgataaaaa taaatacaca 540  
 cttaacattt ttcgtacaat ttcaaggagt ttatagacac acttctaaac tcagtcattg 600  
 atacaggttg agcaatgtgt aatgagttgc agtcaaaaac tacacaaaat tggtagcttt 660  
 ttaattttca naaagggggt cttgctctgt agtccacctg ggagtgactt ggggtgaatc 720  
 ataactcacc gn 732

<210> 2372  
 <211> 982  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(982)  
 <223> n = A,T,C or G

<400> 2372  
 nttatncttc anctcttgtc ttttgcagga tccctcgatt cgagagttag aaccctntg 60  
 ctncaaaaaa ttgaaaaanc ctnttgggnn ttgggcccnn tntnnnttga accacttggt 120  
 gnaaaaantg acntgggnagg ttggttngan ccagaaaggc canggttgn ggnagntgtg 180  
 gtncnccnat tgcantttac cntgggtgac anancanaac cccttttcaa aaaaaaccgg 240  
 ccggccgtgg ggggttnacnc ntgtcttcca ancatttttg aaggttgagg cggttgatc 300  
 acaaggtcag gaaatcgaaa ccttctctgt aacatgatga aaaccccgct ttctactaaa 360  
 agtncaaaaa aaataacttg ggtgttggtg gccggccgct ttgtagtncc cacttacttc 420  
 aaggaaggct tgaaggccan ggaanaaatg ggccgttgaa accnccnggg aaggccngga 480  
 aaccttttgc caantngaag cccaaaagaa tccggtggcc ccactttggc acctttccca 540  
 agccccttgg gggcccgnaa caaggaaacc caaaggnaac cccccattt ntttcaaaaa 600  
 aancccaaaa nccaaaaaaa acnttgggtg gaattggaat taaaaaaa aagnccgncc 660  
 ccatttaaaa aaccancntt aaanttattt ccaaaaaaac ccanttgcc ttaacntttn 720  
 ttggtcctnt ttaaaaaant ttttttccaa aaaattgaag cntttttggc cancccttg 780  
 gaaaaatttn ccaaaaaaat tttaaagttt ttnggggaaa aaaaaccaag ntttttttna 840  
 accttgggtg tttgcntcac caaagcctta anttnaactt ggtattnaag nttcttgncc 900  
 ttgttgaaaa ggntnaaaaa aatnaaagtt canttttttg gaaaaaaa aannnnnnnn 960  
 nnnnnnnnnn nnnnnnnnt tt 982

<210> 2373  
 <211> 1738  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1738)  
 <223> n = A,T,C or G

<400> 2373  
 aaacncngna nncgngntgg cngggaanaa aacantgtng naaacnngan anacgtacgg 60  
 annanattctc gcaaanantn ngagnnannn gnnnananga atnaatcana nnttgngntgn 120  
 nntggactnn nngagcgacn tngngngat gtcnncgna tagtcncgcn gcgtggncag 180  
 cnggannana gnaacatgng tnnccgcgcc ncccnccgc ncngttttta anaaaccct 240  
 cggaaaanng ggcnnccca gnnngaaana ngcgatatac nagnacnngn gctgcannga 300  
 cccgngngta cggngggatc ngctnagagt ggnnggnggn gagggngaaa nttttttct 360  
 cnnanaccgt ccnaagnann annacnnnnn ncggggggnn tatngnnaca acantcannn 420  
 anccannnnn ttttgcgcg atngananga gnaacggacc nactnctnn atcccnnaa 480  
 ncngnntgna tnnnggggn agtngtanaa gagnganact ngangagaca ganngnnacn 540  
 gncnnantna agnntggntg nncggcggn ngcgtgaggn cannctnggn attcgcntac 600  
 acnaaanntn atagagngng atgntgnaga aantnctnn nannngnnng cgtataagan 660  
 ngcgngaan tcnnngnnag cntgcncgt cgnnacngac tgcggcgncg tncngntaca 720  
 tcctatnanc tngcgnancn gcnnancang cnnngngnc gnnnncgntn tnntatangg 780  
 ngantnggag gactngcgc gactnancgn anctnnacgc agngatcga cagancacan 840  
 ngagcgagca cgcacangng acatagtgc tcnngtacg tagtntggac ancagatcac 900  
 gagcncgtca cnaacncgt canacatgag ctcnngggc acgtgggnat cgtagangng 960  
 cannganagc ntacngngn gggagngnga nanatnncgn atgtncgana cnnagnanag 1020  
 ttntcatgca catcgagtga ngaanncgat aangnaangn cgatcgcntg tagaagttn 1080  
 cacanggtnt ngcncgacnt angtcgagan gtacagaaga gnaacgntna tncngngta 1140  
 atgngcgcnc agacgcgna atanagcaga cgctcgcgga tttntacang ggngaantgt 1200  
 cangantcag angaagtgtc ggagatgcnc naanataagac atgcnaagta cgatagcggn 1260  
 cgcacgggag gancnnantg ggatgncaga ntaaggagat gananacgcg ctgctacaca 1320  
 cgnncttaga nnaccgtnc ncantncana cttgantgtg agancgcnc gatgatannc 1380  
 ncgcggnnan aacggagcng agtanganna ncgcgaatnn gntgcnga anacgcagat 1440  
 gatacagatn ncncacngga gattnnanag acnggcgnac tcanatcgga gacnctgcnn 1500  
 ancnggaaca tgtacngcgc tncacaccac ngtcagngcn cgcannntgt ancgtgnag 1560  
 tncgcgncat cgcnacgcga tacgagcgta acnnatgcag ctgcggcgtg tntatgagat 1620  
 atntgngngn gacannngna cngantnnga ttcatggnga cgtacggaca ctggngggg 1680  
 gacgannctg aagagtncnc ngtnaananc tangcgcncg cagggngcn caacgcgn 1738

<210> 2374  
 <211> 735  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(735)  
 <223> n = A,T,C or G

<400> 2374  
 ntttnacccc tntcgaatcg gcctctctag atcttcccca ggccactcct tcacactcct 60  
 tactagcagc cctgcttac ctccacacta cggcctggtg acctgggtcca tgggtgctgc 120  
 cctggtgctt gaagcctggc aagccccagg gctgtccttc gcagctgctt caggtgctct 180  
 gtccaccca tcaggccttt cttttggcct ggctgtcaac gtgtttccct tccttgatta 240

```

aatggtgttc aggtttcatg tctttcctcc cgcagggagc cttccctgat ttcccacact 300
ctggcccttc acctggtttt gagtctcatga ggcaggtgag gttggatggc cctcatctct 360
ctgcacacag ggcctcttct aggggagact gagccccagg acaggggcag gggctcctta 420
tttctgaggg ccttgctagg tctttcctcc tctggcccca gcagaacaca gccagccca 480
cttcacacct tcttcacatg taggtgggcc tggggcgtgc ctgagtggc tgggtggtgt 540
actccaggag caggttctga gtaaacacca tctctctctc tccactcgca ctctgctgaa 600
tgtccacccc aagcaagtgt cttggtcagc tgggagcttc tgataggaga ncagcttcag 660
ggagagttaa aaaggacacc nttcaccctg ancaagatgt gggacattgg tgtcaacttc 720
cggctgcana agggg

```

735

```

<210> 2375
<211> 1111
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1111)
<223> n = A,T,C or G

```

```

<400> 2375
cgganctgnc cncannnccc anaagccncg ggcnngggccc nggcgggggnc gacctccana 60
ngggagcccc cccttgngtt nccnaccnn caangncaga anccnacggc gnnntttttt 120
tatcancaan aannacccaa cccaccgggg gggggnnttan ttaaaaaaan ccnaaanccc 180
nnnntaaccn nancacccgc cccnacancn caaaaaaaga gacaccacac cгнаanaacc 240
acaaagggag ancnnnacca gacnccanaa cnaaaanac acnccacaca caaatagnaa 300
nancaccccg cccaaaaaac gncngaanaa aacacnccna cacagnnnaa agcaccanaa 360
nancacacgn acnanggnna angccaccan cntcaacnac ccnnaccnaa aaaaanacca 420
aacaanntnc naaaatagnn canacacccc ancgaacnaa accannnanc ancgncacg 480
anaaaccaan naannannna nacacaagmn ncagcacgga naccaccnan gagcgtnnaa 540
naaggacaca ananangncc cgagaaacaa canggggnac naanantcg antgngnnga 600
aacngaaaa ntaccccaan naacngganc cccgtaaaaa aaccaaacag acnngcggcc 660
caaaaacnca nggnaagagc attacaaaca caacaaacnc agaccnnagn ananacaaca 720
aannnacnan tacacgaaac tgcacaccnn ganatcancc nnaangcac tacacanna 840
tcnagaaagc actnatnagc gacnanacnn ganatcancc nnaangcac tacacanna 900
catgcagagc nnnnaacaca tancacaaca nngcnctca caaaatanan cacaacnaca 960
gccancaann gncanaacac accgaancgg agntngccca taccangcaa nccacacan 1020
aanacangga gnacnccnn tacacganac anacccana acnaancccg ataaaaangc 1080
gtnnacaanc caaaacacac ntanacgcgn acgagccgac acacaaagac gacaannnnc 1111
accaagcgan naccacngna aaacgcgccc g

```

```

<210> 2376
<211> 771
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(771)
<223> n = A,T,C or G

```

```

<400> 2376
gacnactccg ttacagnctc ctggnnnnntt tgcaggagcc catcgatncc ctatagtng 60
ccctctgaaa tggacctcan nggaaaattt gtttggngtt ncattanngc tntnccnccn 120
gntngacata attacttcta ccgatgtgaa tgatacggat gccggcagag cttccagatc 180
tttcagactc aactgctagg tcaattagtt tgcataata aaacttggca gattctacaa 240

```

```

gtctattatg acaaaccagg aactaattct ataatggaaa actatccatt ctgaataata 300
ggtatgtaat tatttgctgc tgctgctgtg ctctgtaaaa ttcttgaata tgacatttaa 360
actctgtgcc tactaaagg atcttctgga gtttttgga ggagagaaac tggaaaatta 420
aattgtattt ttgccagaag actcttactt gcatgtgtct cagggtcttc agtttttcta 480
taagtttcca tatccaaagg ttcagaattc atgtgaaatc ttctttgggg caaaagtcct 540
tcattcctgg tatttattgg attgggaaat ctgtagcaaa gatgctgntt aaaaatacca 600
tattgggttt tttatcttat ccttagctct ctggctattg acttcctttt cttgnttgaa 660
gttagcttca aatttgctct atgctaaata cctgnaaaat attctgggat aggggaactac 720
ttgaaatagt aattnggtaa aaagatatga ccaaataa n aatncttaan n 771

```

&lt;210&gt; 2377

&lt;211&gt; 730

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(730)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2377

```

ttaaancccc gntcngaca ttngnnancg cgtctgntnn aancactact acgcttgtgg 60
ttgcacacan gacgaaaagt ganaatgcat tngcatgaca cagcattcnt aggtccggca 120
ctttngttnc tnnncnncnn ttnnncnncg tgtanngatn aatanatcnn ccttnngata 180
gacctgtgn cctctgncn ctgatntgat ncgntactgt gtcagtgtan gcaatcagan 240
cgcgntctac ctncacatac atgtttncnn aatcaaggtc tctacagctc atcctaataca 300
ncattaatna ngtaatnggc tatnncgaac ataatgttnt ctgcangan gaaagttnca 360
tantnangan aatggnggtg gataagaaca gatataatga ataacngnca cagctgtann 420
actttnattn tgnnttattg cnaacacgcc ntaactatcc tgtgnganaa tggggaatntn 480
nantcccatc ttgcaattgc tatgttgcat gcagggttag gggcctgaaa gcatgcaaga 540
anngaattgc atgtgatngg gnttatcctg gattcacaan aatactgtna tngcgagcca 600
natcccnan tgggtganan ttctaattgc gactgtntgc nggcncanaa catgattgct 660
ttntaattct nacaanaggc tggccngtaa gtacattctt gnctagagtc ttntgcacac 720
tttctntacn 730

```

&lt;210&gt; 2378

&lt;211&gt; 727

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(727)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2378

```

nttaaacnt gntcgaattc ggcacgaggc cttttgttgt gaagttgctc atcatttagg 60
agtgtttaat tctaaaaagc cttcagccta agaaagcttc atctgtgggg accagagact 120
tgttgetcag ggagttagt atgggacttg ggcattctgat ctgcagggtga caagttagt 180
tcaactgaag ttgtagggaa ttttagacagt tgcacatcat tgcggttcta ggggccttgt 240
agaaagatga aacagttgtt ttctatttac cagcacctct cagttataga ggtaatggaa 300
cattcgctta cttttcatca tcattcttta aaaagggaaac atacaaaaat ctaaactatg 360
gcaataattt atttttataa tagtttacgg taggctttaa ttaaatggca aactcctctg 420
ggacccttaa gttatggcgt gattagccaa atttgatttc caacagtcac ttatggccat 480
aactattgca tagagtgcag gatgccagca aagatgaggg tgggggcaga tactggctca 540
gtgatttaac tcacattata gatgaccctc tncacacag aaatgctact gagagaacca 600

```



```

gaaaagcctg ggccaggcag gtcttatttg agaggagatt atttgataat tgctttgggt 660
agaangactt tacatttcct gatttcaagt ccaccaccaa tttagaaagt tcagagatga 720
aaccct 727

```

```

<210> 2379
<211> 962
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(962)
<223> n = A,T,C or G

```

```

<400> 2379
atgnnnnnnn ngnnnnnnnn nnnnnnnnn ngngggnnnn nngnnnnngg ggggnnnntg 60
nnnnnnnnnn nnnngnnnnn ngggnnnnng ngngngnnnn nnnnnnnngc ctngggggnnn 120
nnatanannn nnnnnnnnnn nnnnnnnngg ngntgnaaaa nccccctttt ncccaagaac 180
ctcccccttg ggggggnnct atttttnta ttatttnggg ncacncccc nattnngnn 240
nnccccgcgc anacnaannn gggatggnta tnnntngnng tgnnngaann nagagggaga 300
tgtgcnnntc nnnntnttt ntnttttngg tnnntagnn nnnntngntc nnnntngntc 360
annnatnggt nnnanannng gggggggggg ggggggtttt tntcttttaa nannnnattg 420
ntgctnnnt nttnntnaa cccncteta cnnttcangc ggnnatnggc nnantntcng 480
atnggggttn gtatagaagt nggntgttt tnnnnngatn nncntattnn ggnntagnng 540
gcagnngtta tngnngtgt tnttggtgt ggacnttngt ncanntatnt tntttannnt 600
ttcntttnta tnnnatnatg agngnnggtg tgntttngna nntnatgagn gnnntanann 660
ttngtcgctn ggggnatntn tntngnagg nttnnnatnt nttnnntnt tgntntttnn 720
ngatgtttgt nanntnngnn cnnntataa nngtgactng tattntgnnn ntggtnnct 780
cncttncnna gggtnntnt ngagagtgg atanggnnat ntannngagt tantngnngn 840
ngtntnnta ngtannngacn gngnaannng ntgngnggg gnnnaaanaa gngggggggn 900
gggntatgn tannaaangn tgnntaacan nttnctatg ggggggggan ggagnnttna 960
tn

```

```

<210> 2380
<211> 909
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(909)
<223> n = A,T,C or G

```

```

<400> 2380
tntnnntcgc ntntctnnan tnannnataa ttatnttttt ttntntttac gnnntnntgn 60
ataaccgtcn tgnaactgta nttntgnttg tccannatca gganatannn cncnnnnnnn 120
nnngaaccc ttngantang cccacgtacn atanctngtc ttaannacaa atttatnant 180
aatatgggtg cacaagaag gctttantgg cttcaagagg tatngaccg ctgccgaggn 240
ctttgagctt gangccaaga tcgcagtgt tgaaaagtat aacatcagga ttccagagct 300
ggtgcaaagg atagaaaaat gccatataga agattnggac tttgcagagt acattctggg 360
cactgtgcac aaagccaaag gcctggagt tgacactgtg catgtttttg gatgatttgt 420
gaaagtgcct tgtgcccggn ataacctgcc ccacttcgc acttcanagt tgagtcattt 480
tctgaggatn aatggaattt actgtatgt gcagnaactc ngagccaaga agcgtcttat 540
catgaccaa tnatgttgaa ancattttga ntnggcttg gggagtactt ntgcnagca 600
gagcttgact ancaccgtnt taaaaacagg cgtgggttg gcntgctgng tgggacaatg 660
caacaatgcc atcctgttg acaccgtcct ttaccattga agaantgcc cctctcctt 720

```

```

tagccancan ggaaagggaa aacaannggg ggggcttacn ttatggntca nntnctngag      780
ccgggangna agctgccatt ntngggcccc ctgggcgttn cctnacana ntcttctncc      840
ngaanccatg gtggccctcc cctagggtaa nnggccaaact ggtggggagt aaacatnttn      900
tntncttcg                                     909

```

```

<210> 2381
<211> 756
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(756)
<223> n = A,T,C or G

```

```

<400> 2381
attatnecgn cncgcntgn tgcntntgca ngatcccatc gattcgcaga cagncnaacn      60
gaccttttgg gttnatggga ccggnnttgt attntngngn tancccatth naagggggca      120
cntccaacgg nnatgccca ccaacgggac ggccttaatt atgacgangt cccgnncntn      180
ancgntcgt gggaaccgga anacggcttt cntgttctct gcagcaaagg cttgggagaa      240
gaggtgcttt atgataacgc aggcctgtac gataacttgc cgctccgca catctttgcc      300
cgctactctc ctgctgacag aaaggcctct aggcctgtctg ctgacaagct gtcctctaac      360
cattacaaat accctgcctc cgctcagtct gtcactaata cctcttctgt ggggagggcg      420
tctctcgggc tcaactcgca ggtacggcat cttcttctgt aagattctag accaccttca      480
agtcacattg ctccaacaga gttttgcaac ttgtagtaaa tgggactcat caaaggcaaa      540
gcataatgtg ttttttttcc tcaactagaa tataatttgc agcctgacta ccaaggaaact      600
gatgagatat ttctaacgag ctcatgggtt atctgaacca ctgtgttctt tgcccacatc      660
tggctctctt tctgtcttgg gaaaattccc agtgaataatt tgtgaattat gtcaactaaa      720
ggcagagaan ttaaaaaaga aacnggtnat aaaann                                     756

```

```

<210> 2382
<211> 726
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(726)
<223> n = A,T,C or G

```

```

<400> 2382
tgaaccnecgn tcgantcggc acgacaggaa taatgctgac atacatacat atatatatat      60
atatgaagag agagagagag tcacacacag acagacagac acacggagtc tcgctgtgtc      120
gccangctg gagtgagtg gcgcaatctc agctcactgc aagccctgcc tcctgggttc      180
acactattct cctgcctcag cctcccaaga agctgggact gtaggcgccc gccaccatgc      240
ccggctaatt ctttgatgt ttagtagaga cggggtttca cctgtttaga caggatggtc      300
ttgatctcct gacctcatga tctgcctgcc tgggcctccc aaagtgtctg gattataggc      360
gtgagccacc acacctggcc ataagtctga tattttagtt cagggtcatg cagtcaacat      420
tacagatgtt gtgaaggact acatgttcat ttgtccaaat tgtcccttta aaataaggag      480
attacaaaca aatatttgaa gctctttgag gaggggcttt tcagatttaa agtgataaac      540
cttattagtc tctcttttag cagagaactg aagatacatg tatatctcaa acttgtgagt      600
gaaattctct ttcagacttt aacattgaaa agntaatttc taattcttct tcatatatnc      660
atgggcattg gtaatgatgt gccgaanatg tcctgtaact ttgagaaaang gagaaaatta      720
tatgat                                     726

```

```

<210> 2383

```

<211> 856  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(856)  
 <223> n = A,T,C or G

<400> 2383  
 tactatccgt tcagctcttg ttcttttgcg gatcccatcg ttcncttcgg cactaggaga 60  
 tgtgtcatcc tgggtgaatgt ccctttaact gcaaccagaa ggtaaaactt agatgtcctt 120  
 gtaaaagaat aaaaaaggaa ttgcagtgcg acaaagtacg tgaaaaatcag gtttcaatag 180  
 aatgtgacac aacgtgcaag gaaatgaagc ggaaagcatc tgagataaaa gaagcagaag 240  
 ccaaagctgc tcttgaagaa gaaaaacgaa gacaacaggc tgaactagaa gcttttgaaa 300  
 acagactgaa gggtcgctcg aagaagaaca ggaaaagaga tgaagtggca ngttgagcta 360  
 tcactatggc aaaaaacata aatattatct catttcagtg tgtggagttt gtggtttag 420  
 tgtttgcctg gtacatcacc catgatgtca attaaaaaaa gttttgatct tttaatgtaa 480  
 ctcagattgg atttagataa agttgttaaa ttgaaatat tagaaaatgt ntattataga 540  
 acatgatata tatttacatt catctctgta ttccctcagc ctggtgttta gaanggacag 600  
 gaatngttta aaacttttat ctttaattta gngtantacc taagaaaagg gggccaggta 660  
 ntttaattacc ttggttntaa aaaggtngaa aagggccttg gaacttgga aaaccttnaa 720  
 aaattatttt ttccattnan ngggctttta aaccttanga ngggcccagg aagtttaacc 780  
 gnggntnttt tgggntncat ttgggggcct tccctttggt tncnnttaag ntntttttcc 840  
 atttttaaat taatnc 856

<210> 2384  
 <211> 733  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(733)  
 <223> n = A,T,C or G

<400> 2384  
 nctnaccctt ttncnngagg tctacaaccc attagggcag aatggaggca aatgaataat 60  
 attcccttgg tctcagagac caacaactac agaattatca agcatggcca aaaattgttg 120  
 ctcacacact ctgcaccccc acagtggaaa aagaaccggg tgactgtgta tgaatatgat 180  
 attaggggag accaatggat taatataggt accacattag gcctcttgca gtttgattct 240  
 aacttttttt gcctctctgc tcgtgtttat ccttcctgcc ttgaacctgg tcagagtttc 300  
 ctactgaag aagaagaaat accaagttag tctagcactg aatgggactt aggtggattc 360  
 agtgagccag actctgagtc aggaagtcca agttctcttt ctgatgatga tttttgggtg 420  
 cgtgtagcgc ctcagtgaat tgcacaggat caacagggtt tgttgtaact agattgaaac 480  
 actaagtgtg ttttactgtt ttggaaaata tcttaaatat cctttttggt cctaaaggag 540  
 agggaaagt gattaacttc tgggttgggt tagaaaaagt aatgtttgaa atacgaagg 600  
 aatttaattg tacaaatttt aacactcaaa tcaacctttt aataattttc tgtgctaagg 660  
 gtccaggat ttttaatttg attatttaag tatggttatg gtttcattga cacttaattt 720  
 aggccttttg atn 733

<210> 2385  
 <211> 759  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(759)  
 <223> n = A,T,C or G

<400> 2385

ganatncttt caactcttgt tctttttgca ggatcccatc gattcgaatt cggcacgagg	60
ggtcaaaaaga aaccacacgc ttagattggt aagagggcac cctatgaaat gaaatgggga	120
tttcttgagt ctcttttttc cacgtttaag gggccatggc aggacttaga gttgcgagtt	180
aagactgcag agggctagag aattatttca tacaggcttt gaggccaccc atgtcactta	240
tcccgataac cctctcacca tccccttgtc tactctgatg cccccaagat gcaactgggc	300
agctagttgg ccccataatt ctgggccttt gttgtttgtt ttaattactt gggcatccca	360
ggaagctttc cagtgatctc ctaccatggg cccccctcct gggatcaagc cctcccagg	420
ccctgtcccc agccccctcct gccccagccc acccgcttgc cttggtgctc agccctccca	480
ttgggagcag gttggggcga gctggangcc cgggctggag gggcagtggt gctgttcata	540
gattttgttc cattgncgtt gctctgttga atttaatttc agtcttctg aatcttcctt	600
tctgtnaagt gtacattacc aagttccttg nttttttata tatatatata aatatatata	660
tatacaaaact gtctcttttt gcctttgaca ttcaggcaag aaganaaaat aaatcttttt	720
aanaagacaa tccnaaaaaa taaaannata naaaancct	759

<210> 2386  
 <211> 1107  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1107)  
 <223> n = A,T,C or G

<400> 2386

gaagacnctn tcaactnctg gtgcttttng nnagnccctc ngcccntntt ngncgangan	60
atctnaggtc tataagacgg ntnttttnnn tcnaatgcc aannntnaag ggggggnngn	120
nnntntaaga atnngtngga annnntngcn caaggaaatgn ncnaanctnn nannccaana	180
ntatggatna aggggttgac agggctttnc nanatgnatn ctggnaaaaa gcntntggnt	240
gncncccaan ccttgacccg gttccggttn aaaggggaaa aacctaaaga aannngntta	300
agntngtttc gcatncngtn attcnagcnn gagnttacag aagnttantn tttccacaaa	360
aacnaancat gggccctaac anaatnaang ggnanccnnc gggcnctttt ttngggtatc	420
cttgggggtc tttttnaacc caaaaaaggt nnancaatnn cnattccccc aantncaccc	480
aattccgunc ttnggncent ttcaccccc cnagnccccc nattgntcng gaaacccanc	540
cctttctatt gaaacanatn gncnttnnnc cntccttttt aaaccncnng tgggggcctt	600
ggccccggtt ccaaactttc ccttctnccn attgggntta ctgccttggc aantactcg	660
ggnaacatng gcaattggnc tttaaaatng ctccananaa nccttttaag tnggccttgg	720
aacccaaagt ttntttttnc aaaatatngg aaaccatgt atcnccggcc ttngggtaaa	780
aanaaatgtg gccaaaggata taaaattggg ttcccccaat gnggccnggg cccccnctaa	840
naattcctnt ccaaggannt nnttgncett ggggnagaaa atttttttag ggggtanncc	900
atacnanctt ttagnngggg ccaggaanct aggnangggg tccccantg gggngcaata	960
tntctagtta aagcttaagt nttgggcacc ccccaacca atggaagana antttgnggg	1020
aaangggata aaancnanna aagtcnnaa tttatnnngg gggcctaatt ntgcccangg	1080
ggaaanaact anggggcaag anaaant	1107

<210> 2387  
 <211> 724  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(724)  
 <223> n = A,T,C or G

<400> 2387  
 ctttaaacct tttncgcctt tttctccgac gaccaggagc cctaccctgt gactgatatt 60  
 tcggacctga tccgggatcc ctatgagaaa tttggagacc agtctgtgga gcagatcgag 120  
 cacctacgtt acaagcacag gatcaggggtc ctccaaggcc acgaggacac cacaaagcag 180  
 aacgtgcttc gagtcgttat cccggaagtc tcaattcttc ctgaagacct agaggagctc 240  
 tacgacttat tcaagagaga acatatgatg agctgttact gggagcagcc caggcccatg 300  
 gcctcacgcc acgacccacg ccggccctat gctgagcagt accgcataga cgcccggcag 360  
 tttgcacacc tgtttcagct agtctcgccc tggacctgcg gggcccacac ggagatcctc 420  
 gccgaaagga cgttcaggct cttggatgac aacatggacc agctcatcga gttcaaagcg 480  
 tttgtgagct gcctcgatat tatgtataat ggagaaatga atgagaagat taaactatta 540  
 tacaggcttc atatccctcc aactcactg aaaatgaccg agacagccag tcgccgttga 600  
 ggaatnctct gttgtcaaca tcgagacccc tggttttcgg gaaaccaatg gtgatgcagt 660  
 tgattatcag aaacagctga agcagatgat taaggattag cccaaaaaaa aaaaaaaaaa 720  
 ctcn 724

<210> 2388  
 <211> 966  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(966)  
 <223> n = A,T,C or G

<400> 2388  
 nnnnnnnnnn ncntnnnnnn gtgnnnnnnn nnnnnnnnnn nnnngnnnnn nnnnngnnnn 60  
 nnnnnnnnnn nnnnngtaag aatcctttca nctccngtn cttnttgcag gaaccatcg 120  
 attcnaatnc ggctccgagg nnnnatntga ntantaenca cggcacattt tttttcaggg 180  
 ggaangngaa cgaacgcctg ctggggagtg ggctggacnt gactgttnc tggcaaagnc 240  
 anaggtnaga gcctggcgca gnancatnga ctengnngga tccantgnan gcnnnncnag 300  
 gggccannca ggaagggnen tcaagnctat ttcctcatac gcaccgggat gacatggatg 360  
 atgntgacag ggccccatan cccnntggga aagtgaagnc ananaaaggc cagggnagtg 420  
 gnantaggnt ncagggggtg aggnnataaa antaatanta ctcnctgttg naaaactcct 480  
 aganggnaaa tatngcntga agaaatatca cgaannatgg gaggaatcnn natcgtttat 540  
 atacnecggtt gnttgaaaag ancnatnacc nnetgatcca cataaggnc tnnnnnacng 600  
 ggatntcctg gaccggnatg gcnetcanen ngnaacagnt tccnaaccng ggnaggccan 660  
 gcnncccagg gcctttaatn cnangntgcc gggaagccan tcaacttgnc gncaaatna 720  
 ggaacttggg cttgacctgg nttgncntc cnnaccgcn tngantgact tggatggan 780  
 acatacaacn ggncttngc catatggtca ggtggcacen gggtnnnntt tttaaccata 840  
 nncagaaccc nagggaaactg tggngtanaa ntcccnata gccagattt tggntattct 900  
 ttaanggggc ggaacctcag ntnnaatttt ttgggtccaa aaancntgg ttcccnaca 960  
 tannan 966

<210> 2389  
 <211> 1130  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature

&lt;222&gt; (1) ... (1130)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2389

tnggggngaa	angcnganga	anngggan	annngggan	nggggctnac	gannacgggg	nnatnnnnng	60
gnaannangc	cncgnaanan	gtaatncgng	ngncnccnc	atgnaangtn	angganncnn		120
tagcgngan	ggncgggca	natnnngaca	cacnngcng	cgtttnnann	gtangnnacn		180
ncgnataaca	gcncnnncnt	gtcgtagnna	ccaancnnac	ncnnacnang	cttttgnaaa		240
cncntctcan	gcgcccccg	aacgcnaaat	aantnatgnc	gnccccccc	ngaggngncn		300
actgngggag	ggggggggg	nacacntttt	taccaacann	nccaaccan	nnngggggcg		360
tnnggaanaa	ccantnnctn	ntttactnc	ncntganggt	ggcngngnt	ggacggntaa		420
ncaaacacnn	ngcgagagct	nncgccaccg	agcnagngnc	nagaggaccg	nnncgntcga		480
gngngagana	agggngngca	nnctgccgn	ngcngngag	tctgngatgg	cgncnccn		540
nnagcgggcg	caccggann	gannggnnn	nannannna	gggaganaat	gngnaggngn		600
aannnnncgn	aannagaann	annnggtgcn	gaaganggan	ngnagnacng	acgccncgng		660
annganggnc	ggcngntng	ggcgggagga	ngnnangtgt	cgangngngg	cngntnccnc		720
ngacacgcgg	ggtagttgt	gcgacacggn	ntncagcann	aannganacc	actcacanca		780
gattangctg	atngtanaac	nngcgcggcn	nngagnaacg	gcncangatn	cactngtng		840
cggggnnagc	tnnacgcgtc	anagcgnnn	ntcgcggcg	cnagngggcc	gagnacangn		900
aagggancga	ccgagtcagt	cgnangncgt	naagcncgca	ncatcgagga	ctgncacaaa		960
cncgctcagg	aacnngngt	ctctggnaca	gcaagctgcg	acntgtngcn	ganacagngn		1020
acgncaanan	ggngaaaann	nggcggcgca	cngaggcgnc	gcgnngtgcn	cgtacgancn		1080
tgggagacan	ccncgagatn	cgacnnncta	gagtgccagn	agagcacncg			1130

&lt;210&gt; 2390

&lt;211&gt; 901

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (901)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2390

tentncccc	tccaanctcc	gtgctctttg	caggagccct	cgattcnct	agatgaaggg	60
ctganaattt	tanaaaaagc	gccttnanaa	gcctnnnnag	nattnctngg	aaattattgg	120
ngnccaaagc	ccctagncng	nttnggggna	ggcaccncc	catggntnta	accccggtcc	180
caaaaaccat	ngtnaaann	nttaggattc	naggtttgga	aatcttttt	tncgnttant	240
tggtanttnn	cttcccaaaa	accccnntta	aaatagccct	cctttcacca	tggctatctt	300
tttttcaagg	ttttatatgc	antagctctc	tcagcacctt	ggaatnggna	aaaactggta	360
ccagcanttn	gggaggtggg	ttttctttt	aagaacattt	tgccagatct	ttatcttcaa	420
gggnggacta	aggaaccccc	agagcctaag	ttantcttgg	nganggcaat	ctctgcgaac	480
cgctgaacc	ttaccctaag	ttgggtttct	atggaaatat	ggtagaaatg	ccacctggca	540
agtaanccca	tttggtaagg	aanggtacct	ataccggggt	tttttttggg	ggcctttgnt	600
nggttgggtg	gtttggggtc	tgagaaaatg	gtactggccn	accccttctt	ttttattaaa	660
ganaaagaaa	cctggatttt	tgataccnt	tattttttta	aaaatattga	ataggttcca	720
ggaagttaaa	atngggatgg	tttaaaaaat	ttttaatttn	cttttgggtt	nggggcaagt	780
tnngaattta	aatccggng	aatccttat	taaatccgg	tncccttttt	gggggnaant	840
tnntntanc	cccgnnttta	ttaataaat	acctggggcc	cccaanccnn	ttttgncctt	900
n						901

&lt;210&gt; 2391

&lt;211&gt; 732

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(732)  
 <223> n = A,T,C or G

<400> 2391  
 ngttttgacg ncctnecgatt cggcacgact tanaaaancga aaacctggcg ctgcaaaatg 60  
 tgcaggctcg aatacggatg gtcctctcct atctgtntgc tcagttgagc ctntggntnt 120  
 nnggggtgtnc acnngnggct cctngtgctg ggatccgccca acgtggatga gagtctcctg 180  
 ggctacctga ccaagtacga ctgctccagt gggacatca accccatagg cgggatcagc 240  
 aagacggacc tcagggcctt cgtccagttc tgcattccagc gcttccagct tcctgccctg 300  
 cagagcatcc tggtggcgcc ggccaccgca gagctggagc ccttggctga tggacagggtg 360  
 tcccagaccg acgaggaaga tatggggatg acatatgcgg agctctcggg ctatgggaaa 420  
 ctcaggaagg tggccaagat ggggccctac agcatgttct gcaaactcct cggcatgtgg 480  
 agacacatct gcaccccgag acaggtegtt gacaaagtga agcgggtttt ctccaagtac 540  
 tccatgaaca gacacaagat gaccacgctc acacccgcgt accacgccga gaactacagc 600  
 cctgaggaca acaggtttga tcttgcgacc atttctgtac aacacaagct ggcctttggc 660  
 agnttcgggtg catanaaaaa tcaggtgctt caacttcgag cctnttnaac tatagtgagg 720  
 tcgtattacg tn 732

<210> 2392  
 <211> 760  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(760)  
 <223> n = A,T,C or G

<400> 2392  
 nttgactcgn tcgnttccga ctangttent catncatgac aaanncntga atntgctncc 60  
 agatggtagg acatgnacct ngaccttggg aanacncaaa cnntngtntc tgntactgcc 120  
 ctncacant naccnnaata ttacnngcac tgccccagnn gattgnnggc cncntgnct 180  
 nnctnctgtg tgcacncng naaagnncng gctcgtntnt ccatntenta cctnnactg 240  
 cattaagnag atggnnnngt cccgccctga cctgagteta ggcgngctct gctgctgnga 300  
 tntgaacana nctcnaacct nnacagnnac tgnccggatn ctannagtgt ntaatnccca 360  
 tgtggcantg ttgactgtt gcntccatg ngntncatgg ncaaagcata accttccatt 420  
 aactantgaa accttntat tggttgtang tcnngtnaat aatgatgggt actatggctt 480  
 taaaactttt ttcacatgct ngcacctctg gatngntngg nanaccaaag cnnggtcttt 540  
 aaccgcgcct cantttnaan anannnggga gncnaangct tnnatttntn cntanncgga 600  
 aactnncanc tacannttnn ttggcaacna tnccatngca nnncccttna attngggngn 660  
 aagngaaaan ggctnccctg gnnnnaagga actgggattt ttnnaaccct ngaaacgnan 720  
 anaaanngcg ggnggtnggc ncttcnctt tttcnccctt 760

<210> 2393  
 <211> 741  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(741)  
 <223> n = A,T,C or G

<400> 2393

tatccttcac	tcttgtcttt	tgcggtatccc	tcgttcgaaa	caagcnacct	ntnntngtga	60
tnngaattgn	naattnaaaa	gngngntnnt	nggggttngg	ccaccttaac	caccaaantt	120
ngaantggn	gattgaggnc	cgngngcncnt	gntgaaaggg	ncnttttga	angggttggg	180
gnggaaggga	antntttccg	ggtgggtntg	aantgttgg	ctttccaggt	cantttttgc	240
ccntncancc	ntncttgag	gatgatcaga	aatcacggcn	cctcattggg	aagggttaaga	300
ctggaccaaa	cnttttccaa	gggtgagcat	attcacggtt	acctgggaag	tctcttcttt	360
cccacctggg	gctaatacagg	ttaccaat	ttcaaggggt	aaaccaaact	taccacttcc	420
cagggatagg	ggaaagtgg	ggtgggaata	aagaagaacc	attgataccc	tgganggaag	480
gggaagaac	ccccagcct	tttctctact	gaaaaataa	gggtgacatg	tcagtcaaat	540
cttgatcaac	tgggacttga	gtttncagtt	aaattcctac	actaggaggg	agtttctatc	600
aaaatnctca	gattgaagaa	cttgggttatt	agaaccanct	gtccttttca	aactgttaaa	660
atagatctgn	ctcccctang	atgatcatgg	cctggtgggg	ccanaatccg	ngtgtttgna	720
cctgtgcgat	ttatgcataa	a				741

&lt;210&gt; 2394

&lt;211&gt; 914

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(914)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2394

gntattcnnt	cagctctngt	tctttntgca	ngatcccac	gattcncccg	gctgaacacc	60
tcccancatg	ccatgnacnn	ncntcggntg	gnggagannn	gaggggncct	ggnntaangn	120
tnagttaaaa	ganctctggg	ngatgtancc	cttcctcgcc	ttagggcctt	aatncntnac	180
ttcntgtcnc	ggttgcnent	ngaancntt	ttcntggaa	ncatancaaa	gcaggctgcn	240
ttaggaatta	tgcagatgg	tgaagacacc	ctcattgacc	atgctcatac	caaacctctc	300
cttccaagtc	agcttgggtc	ggtatagaag	aaagtccagc	tccctgacag	aagggtatngg	360
ttttggttta	tcaagcagaa	gaaaatgaaa	gttcacccaa	taacctgggtg	ggcantccga	420
gnatattact	taccccaaac	caggaccatt	ggccaaaagc	caccttcaa	gaagaaaata	480
atggtttttc	ttgggaagnc	ttcntttctt	ggtccaagaa	atttaattcn	ttcnggggaa	540
acccttttgg	ccttttcaaa	ccaacccccc	ttggcggncc	anccnnaaag	gggaagccca	600
agttttgggg	gggccttatt	aattccggtc	cnttttcnag	gccggggggc	ccancggttc	660
cgnaggcctt	aaatggggcc	attaaccaag	ggggctttng	gaagnaattt	cattcaatnc	720
caagtccaag	aaaaaaagccc	ccctcactta	ccctaaaaaa	gccagaagtg	ggaagccttc	780
tttaattacc	attgggaaaa	agtccataga	nggacatgac	agaagangcc	ttncaaaaca	840
catttcaggc	attagcaatt	cgtcgactag	accaacccaa	gaactntctg	ctgagtgtgc	900
taaaactggg	gana					914

&lt;210&gt; 2395

&lt;211&gt; 728

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(728)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2395

ntttacaccc	ttcnaattcg	gcacgagaga	tagtctctga	atttagaact	gggacgaaa	60
tgtacataat	agggctatta	taaaattttt	agaattggat	ttctaaactt	ggggtcagt	120
aatctagcag	gcttaagcag	tggtctcagg	ttttctgggc	acagacaagg	aataaagag	180



gaggagagaa	aaggagagac	agtagtggga	gggaatagaa	tgagagaaga	tagaaaatat	240
ggaattaata	gagaaaggat	acatgaagta	ttacaagatt	ttcttgga	aattggcatt	300
tcagtgatgg	atcaaagatg	tctaataagg	caaaataacta	ctattactta	aatattttaat	360
gttttaaaga	tttgaggata	aaaggatata	gatctgatgg	cgttcatact	aattgctgta	420
gtgttgatgt	tggagagagg	ggtaatgtat	caagacagag	cagacagacc	ctttacaatg	480
agagcagaag	atatgttggt	tactgattct	actttcccac	aaaatgctaa	tgcttttata	540
agtccctcct	ccttatatttc	tagattaact	ccttgtttct	tcctctaaac	agaggattat	600
ggcagacagg	caaaaaaaaa	acctntanaa	ctatagttag	tcgtattacg	tagatccaga	660
catgataaga	tacattgatg	agtttggaca	aaccacaccc	ttatnnnnnn	nnnnnnnnnn	720
nnnnnnnn						728

&lt;210&gt; 2396

&lt;211&gt; 1632

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1632)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2396

acnncncgan	anaagnnaac	nngtannnnan	anntgcgtaa	ntngacctnc	aanncanecn	60
gaangcacga	tagtanganc	tacannnaca	cgncnagnacn	gcnnanannc	nnncgnccac	120
angacgcgat	cncaannaac	tnagntggna	gcancncncn	ananagactn	anactatacn	180
acnncannnn	nannactnng	gaaaancctn	ttgccaaaan	anccccnngn	cgcgganaaa	240
agatacngnc	nancnagaga	nnagtcncnt	anaacacggc	atnaacnnac	ancgtngngg	300
gagngntnng	acnntntntt	tatanagcng	cgnactcaca	cnaatncnc	ncnnncgagg	360
gngggngggg	gcgttnaanc	anaagngaaa	tnccncngat	nnntnanctc	gancacaccn	420
acnctcagaa	nagcncnnta	tntaagngan	ntnnaacctt	ggnagcaaaa	nnnnntaacn	480
annaccncnc	nacatnntaa	gaatnnnaa	aagncngcac	ancaanaanc	caanatacnn	540
antcggnnan	ngcngnnnat	aacnngncgn	aggtnnaaag	aanancannn	cnngagacat	600
cncaacaan	anaacncnca	nnganangat	nngangnnnc	nnnnngncnn	ncnantccga	660
nctntcnanc	acnnntantg	antntacncc	aggantgatc	acacgngngn	nnatgaagat	720
anactccann	cancacngct	ganaccnncn	canagnacng	tataagctna	tcacncaacn	780
ntcgtntcgn	ggtnaaccna	tntntannnt	annngngcgc	gtatnngagc	anacatntga	840
cacatannan	nanatcaaga	ceggcatnac	catgaatnac	ngaggntcn	cnannacaca	900
gangcaagac	ngacatnecg	ngcgatantt	cgccnggana	nntccnnaa	aataatcgcg	960
acgcanaaan	atgagactac	ncnacaann	cacnttanaa	taancntgaa	tancanagna	1020
cctgcgntta	taaacagnna	ncnnnaanga	gatanccatc	aaanccccgn	angntccang	1080
ataactcacg	tncatgnntg	tcgaccnaaa	tgacaanacat	nanacgagng	acncgaaaca	1140
gaantcagac	ggcgnnnntan	tnaccccatn	tcgctcatntc	ctnctntnta	acgcnaactnt	1200
tnagcnnnac	gtgncngcna	cagcnantan	aaccaccaac	atcnccatan	gtcgtcnaga	1260
caaacgaaa	ccgnancnta	tancnngnn	cattccacga	anatacnana	cncatcatnc	1320
tcagtagcta	tgaancgcga	cgcnanata	gcaanaanac	nctacataca	cgcnagact	1380
agancgcaa	nantacycact	nantagnana	tnanaaccac	gacntacaga	acaactatcg	1440
agcacgccta	cantgcatga	catgacanac	ncacnngnac	gagtanaaca	tanntgntna	1500
ngtcntaacg	agcanacacg	acgaancacg	atnnaacanc	gnacacaacn	antcantatc	1560
angntacgca	gcnnntnnnc	ggcacntaag	ngcananacc	ganacacctn	anacgtcncg	1620
catcnnnncg	cg					1632

&lt;210&gt; 2397

&lt;211&gt; 957

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(957)  
 <223> n = A,T,C or G

<400> 2397

tntaatnctt	tcancctcttg	gtcttttttg	angatcccat	cnattcgetg	caactgtgaac	60
ctgggcactc	cgcgccgatg	ccaccggcct	gtgggtctct	gaagggaccc	cccccaatnn	120
nactgccaaa	ttctccggtt	tgccccggga	tattatagaa	aattatttgt	atgaataatg	180
aaaaataaac	acacctcgtg	gcaaaaanaa	aanaatntaa	ttaaantana	attaaatnan	240
aaattctcng	nncntttaaa	antntaantn	gantctnntt	tncnratana	tccnnaaana	300
tcgntnanta	ttcctttntt	tnnaggnttt	ggaacaanat	ccccccattc	ttagtaattg	360
ctancgttaa	aaaaatattn	cnnttttttt	nntttgaant	tnttnngtga	cccccccttc	420
gtctcttatt	ttgntaancc	cnntttttta	anccntgtta	nttnacccaa	nnttataccn	480
gacnaccant	ttggcaattc	tttttctant	ngttaccnag	ngtctnctgg	tgtngtanmn	540
tncttttaaa	attttttttt	aaatttctct	ncgggtctcc	nctgnntncc	natattncna	600
tctggggccc	tcngnctncc	ccnancnttt	tatttttccc	ntttttaann	natgggtttt	660
tattgtctcn	ctcttggnnt	nctaancnnc	ttggancatt	ttccttgntt	tncttnttng	720
anaaaaattg	gannantact	gcttctccaa	nttcnaacat	taaanatnnt	cnaatctngt	780
ngatcnatta	atnntctnna	taacgctcnt	ggtnanngtc	cncantttct	ctctnttctt	840
taaccttctt	ttttnattgn	atgatcggnn	cccnatctg	cncccnmmta	ancncttntt	900
nnganaaatc	cnctcacntc	tcccatatnt	ntttttngt	aatctntcct	cttctctt	957

<210> 2398  
 <211> 777  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(777)  
 <223> n = A,T,C or G

<400> 2398

tattattcgt	tcaagctctt	gttctttttg	caggatccca	tcgattcggc	acaatgtcta	60
cccangggat	gtntgttctt	gacctgnccg	ccaccttcta	tggtgccntc	aagaacctng	120
gcaccaacca	atgcctggat	gtgggtgaga	acaaccggcg	ngggaagccn	ctcatcatgt	180
actcctgcc	cgcccttggc	ggcaaccagt	actttgagta	cacaactcag	agggaccttc	240
gccacaacat	cgcaaagcag	ctgtgtctac	atgtcagcaa	gggtgctctg	ggccttggga	300
gctgtcactt	caactggcaag	aatagccagg	tccccaaagg	cgagggaatg	gaattggccc	360
angatcagct	catcaggaac	tcaggatctg	gtacctgcct	gacatcccag	gacaaaaagc	420
cagccatggc	cccctgcaat	cccagtgacc	cccatcagtt	gtggctcttt	gtctaggacc	480
cagatcatcc	ccagagagag	ccccacaag	ctcctcagga	aacaggattg	ctgatgtctg	540
ggaacctgat	caccagcttc	tctggaggcc	gtaaaagatg	gatttctnaa	cccactgggt	600
ggcaaggcag	gancttctta	atncttgcaa	caacattggg	gccccatttc	ttttcttcac	660
accgatggga	agaaaccatt	aggacatata	ttttagccta	ncgtttttnc	ttgttctang	720
aaatangagg	cttccaaagt	angggaaagg	cancctnggg	gganggggtc	aagggtc	777

<210> 2399  
 <211> 901  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(901)

<223> n = A,T,C or G

<400> 2399

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ccccccnccc ctnatgncnn annannncnn nnnaacnaan cncannngcn tnnntnanan      60
atntnatatg ganaancgcc ctaatanncc nccgtacann naccncncnn acnnntgaaa      120
cccttcgaaa cncacgagaa aaaaanaggaa ttttgngcg ggttgaccga gggttantgt      180
acanatnngg aaaaaaagct cacggggtgg gcaggaagac aagcctatgg atcntgctcc      240
angcatcaag ctcatntaca tgggattttc tggncnctna aaaacaatca ggattgcncct      300
agacattcga aaggcnngca ntntcntctc tntgtttta acctgnanac angctgataa      360
aagtcctcca catctcagct tacatttggg ttcanaagncg ntgncnacgg aggggtgagag      420
cagaaactct taagaaancc tttcttctcc ctaaggggan gaggggatga tctttngcgg      480
tgtntngatc aaacttntat tttncctaga gntgtggaat gacaacagcc catgccattg      540
atgctgacca gagaaaaact attcaattct tgccantaga gacacatcca angctgccat      600
nccaaagggg tcaaaaagtt ttcaaataac ngtggaagc tnaccaaagg tgggggaaag      660
catgataagc ttgcagggtta tggtaggaga gggngagata taaagacata cnntactnta      720
ggatttttaa antatnaaaa gncaaaaaaa tccatnagaa aagtatccct tttttttttt      780
tgganaangg ggtncntcca cttaangtng gccacgggcn ngggtcttgg nannctcccn      840
aaggccnna anggganacc nccccanc tnggggncnt ccacaaangn anntcggggg      900
t                                                                                   901

```

<210> 2400

<211> 699

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(699)

<223> n = A,T,C or G

<400> 2400

```

ggcttnagan tgcaatgccca ggggtgcctt cccaaaagtt ctttctgcct ggggtggagcg      60
tagacagctc agcacccccc ggggggcggt tggaccagcc ttggttttgt tgggtaagga      120
tggtanaaag aggggcgaag acccatagcc actggtgtga agggtctgct cttgaccgaa      180
gctgcctccc tctgggtgca gaccagcagg tgggtcccagn cacggtgccc tggggccact      240
gggtctgtct gccctcaggc tccactatac acacctgcng aggcagcana ctancancgg      300
tgtctgtgag gggcagntgc acagtcccct ntngagggtg ntccctaaneg ttggnaaagc      360
ccatgcgttt ctgctttttt gggagcagag cctggagtcc tgncaattgt ggggaggaag      420
ctatncatg cttgagcgcg ggccctgggt gctgacctgc atcccaagan caaatttgcc      480
cctggccttt ctgggcctgn cctttcttgt aacaccacac ttgnacacct gggancanaa      540
gcgtgcccc cggcaggatc ccacantggc tggtngggaa actnngggca gcangtgact      600
naggtcnccc canaacttga gggaacacct tantccangg aggangctga agcttccang      660
gacacaanta aacaangtgg ggannnggan cctcacaat                                     699

```

<210> 2401

<211> 1344

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1344)

<223> n = A,T,C or G

<400> 2401

```

antnaaatc nnntactcaa gcttgcattg cctggcaggg tcggactctt aggagggatc      60

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ccccgggggt taccggaac ttcggaattt ccgcccttan taagtggaag ntcngtantt 120
aacaaaattt cnacttgggn cccgtcngtt ttttaacaaa acngttccgg tggaacttgg 180
ggggaaaaaa aaccctntgg ggccgnttaa ccccaaaact ttaaatccgg ccnttggaac 240
gccaacaatn cccctttttt cggcccaagc ttgggccggg aaataagccg aaaagaangg 300
ccccggcaan ccggaatcgg ccccttttcc caaacaagtt ggcgccaacc cttggaatg 360
ggcggaat ggggaacgccc ccccttgtaa gcgggcgcaa tttaaagccg ccgggccggg 420
ggtgggtggg ngggtttaac cgccgccaag ccggtggaac ccggcttaca actttggncc 480
aagcgggncc ccttaaacgg gcccccggt tccccctttt cggcnttttt tcnttttccc 540
cttttncnt tttttctttc ggccccaacg gttttccggg cccngggcnt ttttttcccc 600
ccccggtttc naaaagggcc tttcttttaa aaaaattccg gggggggggg gccttttccc 660
ccttttttta aanggggggg ttttcccccg gnaaattttt ttnaaaggtn gggcnttttt 720
tttnaaaccg ggggggnaaa cccctttttt ggggaaaanc cccccccna aaaaaaaa 780
aaaacctttt tggggaat ttaaaanggg ggggttgga aattnggggg tttttcnaaa 840
ccggnntnaa aattnggggg ggggccccca aatttcnggg ncccccntt gggaatttaa 900
gggaaaaacn gggggttttt ttttttcgg ggnccccnt tttttggga cccggttttt 960
gggggaagg ttccccaacg ggggttttct ttttttaaaa taaagggggg gggaaccttt 1020
nttttggtt tncnaaaaa acttggggna aacnaacaa cntttcaaaa nccccctaat 1080
tctttngggg gcctnaattt cnttttttgg aatttnaatn aaanggggga aatttttggg 1140
ccgaantttc ngggccctaa ttngggntta aaaaaaatg gaagcctgga ntttnaana 1200
aaaaaanttt aaacggcgna aatttttaac caaaaaataa tttaacggct ttaacnaaat 1260
tttcttggg aaggccggg antttttctt cnttaacgc caattttggg ggcnggggaa 1320
nttttnaaca accccggnat aatg
1344

```

&lt;210&gt; 2402

&lt;211&gt; 733

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(733)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2402

```

ntctaaccct ttcgaatccc acgagaccac gtcataatac gcctacaaag agctcttgac 60
tgtgagctcg cagaggccca gttgcnttcc actgccattg acaaagaggg tcgtcggnc 120
gttaaagcgg gagcttatgc tgcttgccag gaagcaagg angatttaa gagtcattca 180
gaaaatgtct ctcaacatcc acttcatgta gaagtattac actcagagat tatggctcat 240
cagaaatttg ctttgctgtc tggctcctga tgaacaaaat tatgagctat tcaagtgact 300
ttaggcagat cttttgcaa gcatgcctta gagaagaacc tgactcggag aatccctgtc 360
tcataagcag gttaatgctt tgggatgcaa agctttataa aggtgcccg aagatccttc 420
atgaattgat cttcagcagt ttttttatgg agatggaata caaaaaactc ttgctatgg 480
aatttggtga gtattataaa caactgcaga aagaatatat cagtgatgat catgacagaa 540
gtatctctat aactgcactt tcagttcaga tgtttactgt tcctactctg gctcgacatc 600
ttattgaaga gcagaatggt atctctgtca ttactgaaac tctgctagaa gttttacctg 660
agtacttga cnggaacca ataaattcaa ctccanggt tatagcccag ggacaaattg 720
ggaagagtat atn
733

```

&lt;210&gt; 2403

&lt;211&gt; 769

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(769)

<223> n = A,T,C or G

<400> 2403

nnatccttca	actcttntct	ttttgcagga	tccctcgatt	cgaattcggc	cgagggttaa	60
aggnaaacnt	ccagggnntt	ttcggaatt	tnattnggaa	agggatncgc	tttttgaggg	120
caaaatngcc	aatctgcttg	cctttataag	cnngtngatn	gtttaaatcc	ggtttaccca	180
gtttatagtt	nccctgggtg	ctgaaaggtn	tnctggatga	tnccancca	ncagagaacc	240
nttgaatgcc	gttcaaaatg	gactgaanca	tcancaatgt	ctgaaaaagg	cctgacagta	300
atgtacatgt	caaattggccc	gtaatttaag	cagagtagag	taagtagaag	aataaacatg	360
gggaaagtgc	cagcaacaga	ggaggctttg	agcttttgct	cttcatcttg	agtggatggt	420
gtttctcaggt	ggtaaataggc	catcgagctt	tctccactgg	ctgctctctt	ggggaacaaa	480
taaccgaaaa	gatactcagc	accctgggtg	gtacataggt	ggtcagttga	tttatacttc	540
ctggntttca	gtgttgcttg	aattttctaa	atggaaacac	agtaccttta	taatcagaaa	600
acaatcccga	gttttgattt	gaggggtggt	gtaaaaagtt	naaaaaaaaa	aaaaaaaaaa	660
aaaactcgag	cctttanaac	tatagtgagt	cgtattttacc	ttagatccng	acatgataag	720
aaacattgga	tgaagttngg	ncaaaccccc	aactttgaat	gccagngga		769

<210> 2404

<211> 736

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(736)

<223> n = A,T,C or G

<400> 2404

ttttaacnct	ttcgaatcgc	acgaggagtt	ctacaggtgg	agtgtggggc	ccagaaaggg	60
gctcaggtct	taggggtgtc	atctgaaaaa	acagagatgg	ttgatgggga	caccagttct	120
agggagccct	ctgcatggcc	actttctgcc	tcagctcttc	taaagcattt	cttctgttcc	180
cttccattgg	ggtaaccact	gatctgtctt	cccaaaaact	gagtcagaag	ttggactttg	240
ttacttggct	catctacatt	taagatatag	tcagaaaaaa	aatgcagtct	ttacatctta	300
agaaagctta	catgggccag	gcgcagtggc	tcacacctgt	aatcccagca	ctttgggagg	360
ccaaggtggg	cggatcacct	gaggtcagga	gttcgagacc	agcctcaaca	tggagaaacc	420
ccatctctac	caaaaatata	aaacttagcc	aggcatgggtg	gcttgctcct	gtactcccag	480
ctacttgggg	ggctgaagtg	ggaggattgc	atgagcccag	aagtgggagg	ttgcagtgag	540
ctgagacgag	atcgaccac	tgcactctag	cctgggtgac	agtgagaact	tgtctcaaaa	600
aataaataaa	taaaataaat	ccattaaatt	gccnannnaa	aaaaannnnn	nnnnnnnnnn	660
nnnnnnnnnn	ntnnnnnnnn	nnnnnnnaaa	aaacccccnt	naaaaaanan	tnngggggnnn	720
ntntnnnnnn	accccn					736

<210> 2405

<211> 802

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(802)

<223> n = A,T,C or G

<400> 2405

antctatctc	tttnaactcc	cgttcttttt	gcangatccc	atcgattcga	attcggcacc	60
gagcgttnan	gggttgngga	aaaggccttt	tttncctng	gtgggtgggn	cccgttnnng	120
gccttctttn	nngggncaac	ccagaaatgt	ntgttnaanc	cattangngg	ttccanaann	180

ncnctaaaaan	ggnataaaann	cantcttcaa	atcttaaggg	accttttctt	netncagatn	240
caaanncnag	ancttgaggg	ttncagggaa	ncgaggtatc	agtttcttca	gcttcgacct	300
gnccaganag	catcatggat	tggttatgct	attgcttacc	atttattaga	agattatgaa	360
atggcagcca	aagattttag	aagaatttag	ggaaaccaca	acaggacatc	ccctgacaag	420
gtggattatg	aatatagtgg	aactactctt	atatcagaat	ccaagttctt	cggaagcag	480
gtctctatag	agaagctttg	gaacatcttt	gtcctatgaa	aagcagatgt	gtgataaact	540
tgcttgtaga	agaaacaaaa	agggggaact	tctgggtgca	ctatgtcgtt	tggaagatg	600
ctgccagatg	tttatagagg	gattgcaaga	gagaaatcct	gaaaactggg	ccctattacc	660
aaaggcttgg	aaaaaagcca	ctcaagccca	gcttaatatg	ttagaaacgg	cttaaaaaat	720
tatganggan	ccctggacta	aatatccca	ggggactggg	tgcccaaaaa	ggcttgcccg	780
tnnaaacttt	tttatctggn	gg				802

&lt;210&gt; 2406

&lt;211&gt; 1160

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (1160)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2406

gncgngngnn	ggngangngg	gngnangng	nggngggan	nggngngnn	ngangnnng	60
annnaangan	gagtcgnann	nnnnnnnann	gggaannngn	ngngngntnn	ananagnngg	120
atganggggn	nangggaaan	tgngngangg	ggngnganan	gaaggangan	ananagnag	180
ggaaagcagn	ggagngnnnn	nngcngngcgn	nnggaganng	ngtanngann	cnncnnngcg	240
cncnnnnccc	angttngnng	aaaccnccgt	tatgcggaaa	acncggccct	nngntnatag	300
gnnngacccc	ngggnnncgn	cccgcngggga	gnannngaaa	nantaacggg	nggggggggg	360
ggnagnaaaa	tttttttctn	gatagnnnng	aggancggng	gnntggggg	gggagcgcn	420
nagnnnagga	anccggggna	ttntgnggnc	nanngcgcng	nagcncaggn	gcgnnggcga	480
agaaaggnc	ntcaggantg	gcggaaaagg	cnatgncga	nangngggng	ngnnnnnnag	540
ngnnnaagnn	nagggnnncg	agnggggnag	gggcgntcgg	ggagngggg	aagagggng	600
tgganngagg	gnagtggnga	ancggnggnn	gcaccgaaan	ngnggagann	ngngnnngn	660
gcanngggnn	cacgagncgg	ggngggtng	agannggagn	cnngacagna	cnnntnataa	720
nnngcnggnn	ggngaacgag	gagnggnna	agganagcng	ggngggnga	ncnngcnntn	780
nacggnnngn	gatnatgcgc	gcggnaacgg	ggngnnngt	ngagncgcg	ngangtnngt	840
ntggatgcac	gcnganggg	nnnnnacnga	nnnannngg	ntagggngan	gaganngngg	900
cgagctagan	gggacgagag	gatggangan	tgtgngngan	nnnggcaang	cgnatangag	960
tgcgncgagg	gggcnaanna	tgtngtgcg	acgagngnga	cggacngan	ncacgagcgn	1020
gnngaggagc	gtngggnggg	nacaactggg	agacgcgcgc	gaaggggtng	annangaagt	1080
aacgtgngag	acgagggggt	tagnannaca	gngagcgcag	nggngngang	nncnggggna	1140
cgaggngngg	nganncgccg					1160

&lt;210&gt; 2407

&lt;211&gt; 756

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (756)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2407

ntaacnccnnn	ttncngagc	atgatccan	gncctnttca	cctctgctnt	nncctgacgn	60
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ngttgtatna gtaacngcta ttctaacagc ctcngttcag acangatgtc caatggtgnc      120
ntttttgcct gngctggggn gcctcatgac tgntggcccg nnggantnaa ctgcctgtgt      180
actccaggac tcatgacaat nctgtaacta gacctgccgc aactcatggn tcgtatgac      240
attctattgg atctncaggg gcangggagg anganatccc cattntgcta cngctaatagn      300
gcaccnctg nnnaaaaggg nannnnncgan ctnganntgn nccccatgnt taaanactct      360
ntgcaaggcn ngcccgttca accatttctn atnnntccna cgnannnnngt ncntnnncna      420
gactgattac nacntggtgt atntgggtag ggcattgttc aacggggcct ctctcatggn      480
taatggggca tcgggggaaan cacagaatac tttgcccttt aatanngatg atacanatca      540
ggatatccat tactcacatg tgtctggcat gcantacta cgnngctncn antgtctnnc      600
tttctggann tnttttgaat tgtanaaatg actttggccc taaaattctt ngctcagngg      660
ctnctagctg tgtacaccat ttgaacacat gtttnaaana atatcccacc cacnctnnct      720
tngtttcagn ctntggncag gtatgaacct nttcan                                756

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<210> 2408

<211> 808

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (808)

<223> n = A,T,C or G

<400> 2408

```

nctatccttc aactcttgtc ttttgcanga tccctcggtc cccctccgcac gagaattaat      60
taatggggccc ngnttaattg cntnnctccn ncaaaaggaa attattggng cnaattnncc      120
ggccaccccca cagaccgggn nangataana ctgtgtaacc ngngcttgtg ncaaanantc      180
anttttcaga anctccaggg aactcaatc ancaggaaaa ataattaatc ccaccaaaaa      240
gtgggcaaat gacatgaata gacatttctc aaaagaagat atgcaaatgg tcgagaaaca      300
tatgaaaaaa tgttccacca tccctattca ttagagaaaa tgcaaatata aaaccacagt      360
gagattatca gcttattccg tctagaatgg ccattattag aaagtcaaaa tacaatagat      420
gtttgtgtgg atgtggtaat gcttatacac tactggtggg aatgtaaatt aatacaacct      480
ttatggaaaa cagtatggga gattccttaa agaactaaaa gtagatctac cattcaatcc      540
agcaatccca ctactgggta tctatccaaa ggaaaagaag tcattatatg aaaaaagaca      600
cgtgccacac cttatcttta ttgcaggacc catttcacaa ttttccaaag atattggaac      660
cccaccttaa atgcccatt tgaccacatg gaggtggaat ataaggacca accgntgggt      720
gtattntggt atnatacccc nccattggt natactacct tcagcccctt aaaaanggga      780
atggaagtta atgttggttt ttgcacct                                808

```

<210> 2409

<211> 1425

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (1425)

<223> n = A,T,C or G

<400> 2409

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cnccgnaacn anaatggcga nagagctngt aancnnnnng canattcatc tgcggnccggn      60
cnccancgna anaangnnnc acanngangt gccaannga annaannann nntngngaac      120
cntggnagaa cccacanga actnnaaaag cgccnnccc agnncaancn gncngngng      180
gggggagagc cgaanntnca nggtcanana gcagccgnta ncngggccc agngcnatag      240
cagnccnagt gggancgata ttctannggg cccnnncnaa gctggggggc antnacnnnt      300
tgcgnggnag nttagcanag gccctggggc nagnccagnt ggtcnanncg gagcgnccna      360

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ccnaagaatc ggngnagcaa acggnngcna ncgaggaacc aangggcngg cgnaaaannn 420
atntnaacaa gggtaatgaa aagaacaggg ntannggang aaaannactn ngggnnnggn 480
agcnnngccc tgaccannga angaaagtgg ggcngnnnnc cgnaannngg ncgnaaagcn 540
cccnancccc cntnctgnan nnnggacnng gctagccaan ntncncctct cagngcgnn 600
nctgcnaatc gcatgcgngg ngnggggtngc aacagcgaga ccnccatcac nccctatnnc 660
nncgcncanc tntacgatcg ctacatccac ggtntatagc nnnctngtng cgcancgnac 720
gngggcncan ggngnnnact tgcnggntcn cgancngcng anggggggna anaagacgnc 780
tgnnncgcn cncatacat cncacaacac acgcngaaan atngngagtg ancgggaaaa 840
acacacngtn tncncgnana cgggaanaca tncggactna cacacatcgc angactgang 900
gcggganngc acannagngc angagacaga angtgcntnn cncncganna ggcnannnt 960
nangaanagn tgacagnacc acacnnnnn ctgtcacanc cnatcgcgca cactatagcn 1020
cacgcgacat acgaancnca taacgtgnac acatcnccac cgnagagatc acacnccaga 1080
ctctagagaa cgnctcgngg nancnctcaa caggagnagc ancnccgagg gagaaganga 1140
gatncccnnc tncntccctg tnagcnnngc cnaantgtng ncacggngng gancgcgnag 1200
ancncgancn nnaagcnnnn gngntncnan gncnngcna gcnacttaac gtcgcccanc 1260
cgntatntgc acanacnacn nntntntaan ngcgacgncc gannncang naagtcnngn 1320
anagcgctan gagcagcanc gacatgtngc cncgnaccgc cennntatan nacnncatc 1380
gcntcaacan ngagagaatg cgagctgcnn tctgtaant cncgg 1425

```

<210> 2410

<211> 1125

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1125)

<223> n = A,T,C or G

<400> 2410

```

cancnncccc nnnnaannnn nnnnnngngc nnnnancgna nnnngnannc nccccance 60
nncnngcenn cnnccangna acngnnnnnc canncnacga ngncennccn ncccangang 120
ncnnnnncgn canncncnc ncnnncccg caccgcnnc nacacnccn ngacncannn 180
gngtntcaen aactcgccnn ncacnncagc acannacccc ccacntcgn ctccanacccc 240
gacgcaccac anctcngnna ggcancennn ttgtnttcgg gnaaccccct nncgcagcnn 300
ccngntngga cnngccana cncgcagaa cncacacaag cggcnacttc agcngcnnn 360
gangnangac nggggcacag annnntgaa naagacaann anngatcnc ggtcangngg 420
cnagcnaggg cnagcccgac cacggagcat aagcgtnnan aanggcnagc actntcncag 480
ntnngaagcc ngcnagacct nggcnatata aaatagcacg nngacacggn caggagcaga 540
ggngtgcgga gnagganang acnaggancg gcaccaccaa tcagaaaanc agaccagcac 600
ancntnaact gagcnnaggg tnatgnagcc aggcactata ctngagngg agcntngaaa 660
gacacncana aaaagacang angccnanaa ggctaaggnc agcggctnat agcccgtaaa 720
cnnccgacn tnnagagagc cangggngga gcancnaagn gccagggagt gccgagcacc 780
agncangngc naactannng gggacaancc caaccatnna cananaagac naaccacnag 840
ccngaangng ggggggcncc acacnngca gncaggcca antctgggan ggacnacagc 900
ggggnnnaan nnaccnggan ccccgggana gncangccn gnnagnagac caatngatnc 960
gggacctgg ncccacancg nccggcggg accncnncn naanagacgn cnnaccana 1020
nancnngcn ctnccanccc ggcngncnc canatnncan gnncaagan nccanacncc 1080
gccccaaagnc caccncngcn ccgngncnc gggccnnnn cccct 1125

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<210> 2411

<211> 763

<212> DNA

<213> Homo sapiens

<220>



<221> misc\_feature  
 <222> (1)...(763)  
 <223> n = A,T,C or G

<400> 2411  
 anntcnnttt gttccanacc cgaattccgt tgctggtcgg tttcttaaca tttctagtgt 60  
 tctgcaacca tccctgtctt acattacatt attaagtttag ttctattaca agactaatga 120  
 atgacagaat agagcaaaca tggacttttg agtcagacag acatgagtca gataagagtt 180  
 caaacccact gactgccgta aacttgggca agagatttaa ccctgtcagg gcctcagtgt 240  
 actcattagt aaaggtaata ataagtctgt aggaaataat acctacatac ttacatttga 300  
 catatattta atgctccagc ttaataagggt tggagtattc gataactgat aaaaaacctt 360  
 gcacagtatt gagcaggtaa cagacattca gtaaattggca gtaccattcc gatgatactt 420  
 tanatgcttg tgtgctatac tgttcaagaa ccagctggaa aagacctcag gttacctcca 480  
 gggtagggat aacattttacc ttagagtttt tgttttttgn ttttttgaga tggagtctcg 540  
 ctctatcacc catgctggag tgtggtggca caatctcact gcaangtccg ctcccangtt 600  
 cactcccttn tectgcctca gccctcccga gtagctgggg actaccnggc acccgccacc 660  
 annccccagc ntaatttttt gnatttctta agtagnagac cggngntttc attgnnntta 720  
 ncccaggatg gtctcgatct cctgacctcg tnaatccgcc ccc 763

<210> 2412  
 <211> 754  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(754)  
 <223> n = A,T,C or G

<400> 2412  
 nnnnnntttt acnecntcga ttccttgctg tcggccaagg gctccactcc agtcccttgc 60  
 ctgtcaatca gaagatgctc agaggagagc ttctgcatca tcttcatctt gacattccaa 120  
 gagcagtacc gggtcagcat ccacaaaagc acactgtaaa actgggaact gtgtcttacc 180  
 cttcctgagt gaaaagggaa agtttatgcc tcagcctgag gcagggtggc cccttgccat 240  
 gcacaccttt gtctgcagc cagggatcca cttggetggg ctcaacctt ccccgtcagg 300  
 gacgactgca cagaaaggag cgcgtagagc agcaaggccc gccacgggga aggcctgctt 360  
 ctgtgggtcc ccctgtgtgg ctggcaggga gtggtacggc gctgggagtc cagaatcact 420  
 gaggacacgg aaagcttcag cttccttgag aaaactcaga ttttgtaaat gcgcattccag 480  
 ttgacagcac ttacgggtgga atccgtggag ttggacttgt gagaagcctt gccctgangg 540  
 ggttcttggc tgggtgtctgt cctggangtg gatgccttga tggcttgtgt ctcccgtgct 600  
 cccctcacc angtcctcat cctcaggact gtgagacgcc gtttggacct tggangagcc 660  
 tgangagctc ttggtctgtt gggtaggttc tgctggcatt tgccantttg aaacctgaag 720  
 gattggaaaa tgtctgtata ccaanttcca aatn 754

<210> 2413  
 <211> 752  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(752)  
 <223> n = A,T,C or G

<400> 2413  
 nnnnnnttta ctcgntcgan tccgtgctgt cgccttgaat atgtaaaaat acctatcata 60

tcagtgtaat	actatcttaa	caatcctaaa	aaccaggaaa	gaaaagcaaa	atacagccaa	120
atcaatgtca	agaattcttg	ggaaggctgg	gtgcagtggc	tcctgcctgt	attctcagca	180
ttctgggatt	acacttgagt	ccaggagttt	gagaccagcg	tgggcaacat	ggcaaaacct	240
catctctaca	aaaggtacaa	gaaattagca	ggcatggcgg	cgctgcctg	tagttccagc	300
tatttgggag	gctgagttgg	gaggatcact	tgagcccagg	aggtgaaggc	tgcagtgagt	360
caagattgca	ccactgtact	ccaccctagg	cgacagagca	agaacctgtc	ttcaaaaaaa	420
aaggaattct	tagaaatata	caccagatat	taccatacat	atgaaactca	tatatagagg	480
gttataaact	tttgagatc	atttacctgc	aacattgttg	attttactcc	atgaattctc	540
tattcacatt	gcatcatagt	acacacacct	gcaacccaaa	tataagtaat	tcctagacag	600
ctttgatata	tccccagaga	ttttatgtnc	aattcatcca	gctaaaaaaa	aaaaaaaaaa	660
aaattcctgg	ggcgttttn	tacgnaaatc	ccnccntgat	aagaancctt	ggnnnanttt	720
ggacaanccc	nnnnntnnan	nnnnnnnnnn	nn			752

&lt;210&gt; 2414

&lt;211&gt; 1601

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1601)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2414

cncnnnnnnn	nnanancnan	acacngcnac	ancnngcggn	cngcncaana	gangaacnnc	60
cgcnngcng	gcccgnnnnn	cnnnncngac	agncgnncnn	gannacggnc	nnnnnnggnc	120
naccananc	nnnncngac	ccccccngag	cnacnacnnc	ncannaaaaa	ggcttggacc	180
ctntggaagc	caagncgnag	ggaggaaaaa	ntggngcccn	cgccncgagg	ggacagcaga	240
gncgagnang	gtgagacgng	gancgaaagg	ccagggangg	gcaaggaagg	ngagacggcc	300
nggtcagaan	gaaannnang	ngcgaggngag	cantgnacnn	gnccnggagn	anggaagagg	360
gcccagccgn	gaagnagccn	cacangngcn	acagccccctg	ganatgcgtg	ngnanaaaac	420
acggananng	gaccnnactn	ggnaccnncg	actggcnngg	cacngccaaa	nncgccacng	480
gcaggaacna	ccacnggggc	acanncaggc	cngagcnnaa	ggacatcnan	acgnangnaa	540
nacccngggg	acngnnaaaa	gtaagacann	ggnnaaaaaga	caanccgggg	agggaagagg	600
cgngcgcang	gngngcna	naagcaantt	tcnaccgatn	aaccgggggn	gcacaannag	660
gnnnggaacc	ancggcngaa	anngaaaacg	atngnncnng	gggnaagnan	ggccnangca	720
acnggagaaa	cnaccacggg	catntgnanc	nnangaaaac	cncngggcaa	nnccangnn	780
ngggcaaacg	nggggcacna	cgggcngnac	catgnannna	ggcctcngnn	ggggcgccaa	840
aanagaatcg	gncnnnggga	nacgcaaaga	cgctcgccn	cagnggnngg	aaanaacana	900
aaaggggnc	caccgggaca	aaaaatcana	cancnaaaag	ggggagnnac	antctcggag	960
acncgaacna	nnacnancaa	ngntcaggaa	cntggggcca	nnananggc	aaacgnanga	1020
cccacacggg	gggganagnc	acncntnagg	gnntaaaaan	gacannacaa	nncggggana	1080
ggnnacncnc	cgggcccaann	nntntcgggg	gcccgaanga	gncaaangcn	ganntncaac	1140
acgcgaaagg	gngngngcgc	ncnccnaaan	aggggggaaa	cnantcacan	ngggnacaaa	1200
gcgcgnganc	tcgnggcgcc	nangggaaaag	gngcanngca	gnggagtag	gcaacacgng	1260
caaaaangaaa	aagngccgng	aaagggccgc	ggnnaacaca	gaatncacga	naaaaggncn	1320
gaagcnnnna	ncnnngggnna	tncnaaaana	naangngnnc	ncgcacnca	caggannggg	1380
ccnngcccgc	gagagaaaang	nangccanca	cagagngggg	accttcnngn	gggaaccnca	1440
ntggggngca	accnnnnaca	aancagacnn	gngacngaan	nncgnacng	cnnaccnngg	1500
ngaaaccnt	caanannggc	caaaacnnan	anccnanggg	agggnnccnt	ananngggcc	1560
ccaaaaana	anngccnnnc	agaancnaaa	ccccgngcgn	n		1601

&lt;210&gt; 2415

&lt;211&gt; 746

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(746)  
 <223> n = A,T,C or G

<400> 2415  
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 tccagtgcgc aggggtcaagg ttttaggtttg gggtagcgac atgagtgcag ggccttact 120  
 ctctgtgtg ttgtcaggga tggataaagg ggatgaagt ggaggggttt agtgaatggt 180  
 tgggacagca aatttcagag aagagcattt ggaaataatt ttctcaaata tatattttta 240  
 aaatccatat ttgatttttt tccctcaggg attcccaagc atagtagagc taaaatgaat 300  
 taatttgggt aaaagtaaag ttaaggctaa gttaggaaac acttttataa acaggaacct 360  
 gctgcgtgcg gtggctcctg ccttgtagtc ccagcacttt gggaggcaga ggcgggtgga 420  
 tcgcctggga tcaggagtgc gagaccagcc tggccaacat tgtgaaaccc catctctacc 480  
 aaaaatatga aaattagctg ggtgtggtgg cgcagtgcctg tgggtcccagc tactcgggag 540  
 gctgaggcag aagaatcgct tgaaccagc aggcagaggt tgcagtgcgc caatattgctg 600  
 ccattgcact ccagcctggg caacagagca agatactgtc ttccaaaaaa aaaaannnnn 660  
 cnnnnnnntnn nnnnnnnnnn nnnnaaaaaa aaantnttnc nggggccttt tttcnnnnnn 720  
 ccccnnttt naaaaacct ttngnn 746

<210> 2416  
 <211> 743  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(743)  
 <223> n = A,T,C or G

<400> 2416  
 nttttactcg ttcgattccg tgctgtcggt gcagtggcac atacttgtag tccaagcttc 60  
 agaaaggctc aagtgggagg atcgcttaca cccaggagat tgaggctgca atgagctgtg 120  
 atagtgccac tgcactcagc ctgaatgaca gagggacacc ctgtctcaa aaaaaagtca 180  
 gtttctcact tggactaact actttttaac tgtaaatagc tgggtggctgc catactggac 240  
 agcccaagac tagaggctca atgggctgtt ctccactctc tgtccaaggg aaccttcctt 300  
 tatgtgcttt ttgctttcaa gatggggtct tgcactccag ccggggcgac agagcaagac 360  
 tccatctcaa aaaaaaaaaa taattaaata ggccgntgt gngggcncaa cgtttatant 420  
 cccagcactt tgggaggcca aggtgggcgg atcacgaggt cagganactg agaccatcnt 480  
 ggccaatgtg aaaacccgtt ttactaaaa ttccaaancca anttaccag gcntgggtgt 540  
 gcncncctaa agtcccagnt aatcaggagg ttgaggcagg aaaatcgntt ganccaagga 600  
 ggcaaaggct gntgcantga nccaanatca tgccantgaa ntcaaccctg ggtgacaaaa 660  
 tganactntg nntcaaaaaa aaggataanc ttaaaaaaaa aaannnaaaa aaaaaattnt 720  
 nggggccttt tttccnnaaa acc 743

<210> 2417  
 <211> 833  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(833)  
 <223> n = A,T,C or G

<400> 2417

tgctgtcgtc	ttggagcttt	catttactaa	tgaggaacaa	atgatagtc	tgttatgaca	60
atgtgttata	aattaacaat	cctcttttaa	actagattta	taaaacctac	acacttgagg	120
gtttccattt	gttctatcta	gatgtatttt	gagaaatctg	aaacaaaagc	ttgntntttt	180
gnttgntgt	ttgtgtttg	aaacagtctn	gctctgtcac	ccagcctgga	gtgcagtggg	240
gcgatcttgg	ctcactgtaa	actcggcctc	ccagattcaa	gcgattctcc	tgccctcagcc	300
tcctgataag	ctgggattgc	aggcgcgcat	caccacgccc	aacataatga	aacctccgtc	360
ttctactaaa	aatacanaaa	aaattanctt	gggcatgggt	gcaggccgcc	tgtaancccn	420
gctactcnng	aggcagaggt	tgcantgagc	ccnanagtct	gccattgcac	tccagccctg	480
ggccgacagc	gggagactcc	cgtctcaaac	aaanatanann	ngactaannn	antaaatttc	540
ccnnggnnan	tcntaaaacc	ctncatnngn	ntttntnncn	ncnaantttt	ntccnncctn	600
annntngntt	naanccttnn	ccnntttttn	acgaacnctg	ctancncaan	tatgnntccn	660
tctttccna	naaacaatnn	tgccaatttc	ccccatgnnc	ctattnccac	nccctnttaa	720
atanctcccc	tnnaaantng	aactcnantt	ccnnnannnc	ntttncnctc	cgnaaanctn	780
ttcttttcta	aaanaattnn	cgngctctgn	tcttnnccnn	ccantcncaan	cct	833

&lt;210&gt; 2418

&lt;211&gt; 735

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(735)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2418

nnnnnnntttt	nctcgntcga	ttccgtgctg	tcgatttttc	attatgtcta	cggaggagtg	60
tctctgttat	atcagtagga	aatcaagggg	gctttttcag	agactgngtt	ggttcccttc	120
aaatatattga	aacactgaca	gaaggagaca	ttttagattt	cctcaaagtt	tacactgccc	180
agttttgggg	ggaggcatgc	ctagttttct	tgaaactggc	tatgttttcc	ttaataacctg	240
atttgccctt	ctctgtaatc	cttaaaaataa	aatttggttaa	aagtgttctt	cattatggaa	300
acaatatata	tgtggtaaac	agtatagaat	ggcatacctc	attcatactt	ctccttccca	360
gaattaagca	ctttattctt	ttcttgatgt	gatagtttct	ttctcttagc	aatatatattt	420
cttctgtttc	ttgctatcac	tttatatatg	taattctatt	tcttggtatt	acgctaatat	480
atataactac	ctggcattat	gaatttgact	cacttaacga	gaaatgttct	aggtgtttac	540
atggtccaga	attagtttgt	gttagggatc	caggactgtg	agtactaaaa	acttgatttg	600
tgtgtaggct	acaaatgaaa	aagttaacaa	tgacttttta	agagaaaaca	aatgtagaaa	660
aaacaaaaac	acagtctggc	tcggcctccc	aaagtgtctg	ggttacaggt	gtgagccatg	720
gtgcctggcc	aaann					735

&lt;210&gt; 2419

&lt;211&gt; 769

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(769)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2419

nnnnnnnnnt	tttgaacccc	tttcgatctc	ttgctgtcgc	tcagggcaca	gcaggcagtg	60
tgttagcctt	ggtctccctt	gccctccaag	tcccacaggg	caatactggc	aggcccagga	120
aagtgttaca	actgcaggt	ttgcatgacg	gctaaggaaac	cacaatctta	gggagatact	180
atctctgtct	tctaaggcca	tttctgtgtac	aaaaatcctt	gaaataacctg	ggcacagtgg	240
cacacctata	atcctagcac	tttgggagggc	tgaggcagggc	ggatcacctg	aggttgggag	300

ttccagacca	gcctgaccaa	catggagaaa	tcccgtctct	actaaaaata	caaaaattag	360
ccaagcgtgg	tggcgcgagc	ctgtaatcca	gctactcggg	aggctgaggg	aggagaatcg	420
cttgaaccca	ggaggcggag	gttggtggtga	gccaagatca	cgccgttgca	ctncagcctg	480
ggcaacaaga	gtgaaactcc	atctcaagaa	aaaaaaaaatc	cttgaaatag	tctggaacaa	540
aatctgtcaa	catctcagcc	cacaaaagta	tcaacaaaat	tgatatttng	ctgcatttaa	600
aaaattttaa	atggtggtca	aagcgtncaa	aattntgaca	atttnagaca	ccccccatga	660
gacacnga	at	at	at	at	at	720
tatnggaaag	ggnnnaaaaa	ntnnnaataa	aaccntgtgg	ngtcnaatt		769

&lt;210&gt; 2420

&lt;211&gt; 1145

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1145)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2420

gctgtcgcac	aactggncag	tggcagggct	agggatttga	aagcagttct	tttccatttt	60
ggttggtggt	gactcaaaagt	cattctgaac	tttcagaatt	caggtggttg	atgggggtggg	120
gtgggggtgt	cagtatgcgt	agctcaggcc	actagactgg	tctgcgtgtc	aggatggcct	180
tgtccgttgc	tgatgctta	gcacatgggg	acacgtggca	gctgcttagt	gaagagntgt	240
agggnggatg	gatgagtggg	tgggtagatg	ggtggatgga	taggtggata	gnnnatcggc	300
cccccttctn	cttcngncn	aantctntt	tcaactattct	tctnnctatgt	ccctntcnan	360
nnctntntct	tcctctcnac	acnnttttnan	tntctccnc	nctccatnc	ctctctttnn	420
ttncctncc	ctctnancnn	tacccttcaa	tnccaccctc	cttctancn	cttctcccn	480
ctcttctctc	tnatctctc	cttctatct	ccatatcana	cntctnntc	tatctctcnac	540
nnctcnncnn	cctccnctcc	ntctctntac	ccttatccn	acnctctct	ctctctacta	600
cncntttct	ctatctatnc	ttacctcanc	ntaccatac	tnatcacnnn	ctatcnctnt	660
nnctctntct	ctctnnaccc	tcnntcagcc	tctctctntan	tctccnccat	ctcttttcat	720
acctctcaat	cnncttntcc	actcctcnc	ctctcatncn	ccntnnannc	acctnctat	780
ctcanceatt	atnnctnnta	cctnctcnc	acccctntct	acantctnat	cactcttcta	840
cnnnctatct	cncctnctc	nnctnctact	tctnctctct	cncnctccnc	tctctatnat	900
cncctctatc	tctctcnact	ctnttatanc	ngcatcctct	tctctccctc	tcnacaactc	960
atctcctntc	ctctctctca	cacactctct	cntcncntnat	ctnctcgnat	atcnacctn	1020
cncactctan	ncttcnncac	taatctnntc	aaaccnntct	ccactnctac	tatcactenc	1080
tcatnaattt	ntcncctctc	cccacacatc	atatccance	antctcnant	cncctccatcc	1140
tctct						1145

&lt;210&gt; 2421

&lt;211&gt; 1500

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1500)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2421

cncngngcan	nacnacnca	cgcnnnnnan	ncncgaggac	acgnnacnnc	nnncacnanc	60
acngnncnc	nggcacnnan	ccnnccnngc	gnacnnenna	ncnncnanc	nanncgangn	120
canagcnnnc	nnccangcnc	ncncacannc	cncacngaag	canagagnan	anaccacggc	180
cncnnnnncan	accccgangn	acccggagng	cgngctnngg	gaaccccttt	tacgnaagac	240

ccctggnnngg	aagaggncgc	gngcaggcta	ccanccgggca	cgnaacgnag	acncaaccga	300
catcngnacc	gggggaggan	cnngggncac	gnncnnngcc	nggnaagnag	gangnccgnc	360
cccgaagcga	cncngccng	gnngnacgga	cnaccnnagc	acntcangan	ngngcacgnc	420
ncagngcgan	gacaancgcn	caccgncacn	nnngccgac	ggnggggaag	acnccgaccn	480
ganagcgccn	ccccagatgn	ggaagcncga	gcgncngaa	gcnanccgac	cnngncgggc	540
ccccagggn	cgcaggganc	gnccacann	aancgngcc	caggngnagn	ncceggcacn	600
ancncngnnn	anacaggcnc	nanggacagc	nnncgggaa	aggganagn	ggncacgnga	660
acancngnca	acncggcgaa	ncncngggc	ccagacnnca	cnnggggncn	ngcancaacc	720
tagcgnnnca	cggaacgcn	cncnnggaa	naccacgncc	acnnacgccg	cnnaaantgc	780
gaccngnncg	nacacgaang	nacnggggca	cnagcacnac	tcngacagca	nagnngcng	840
cnngccnncn	nagcgtcgc	gacacnanag	ncngacgggn	cnngnaaann	nnnggagagc	900
gaanaggcgg	gcacgcnngn	gaagcnggac	tacggccncc	gggacnncc	agngagngnc	960
nntcgacacg	gggggggnc	acacancacn	cacncggnga	accgccacac	nnannccncc	1020
ncnggggcn	cgacanngca	naccnggnan	aaaccggggg	gcccacccat	ngnggcanan	1080
caccaanggg	gccgngcgc	ccggaaccc	cncngcggg	cacgncgcga	aacgncatan	1140
gaccnngnn	cgcgccngga	cgngangga	cancanggn	cggcaccanc	nnanatnnng	1200
gggcacacgg	cgcaaccccc	acgnacggnc	nnaaaggngc	acanancngg	ngngcangc	1260
tnacacgnc	ncancngnct	cgaggggncg	ngcacannng	gatcagaccg	ncacnngng	1320
ncgncncng	ggngnntnnn	ccnctcnc	nganaacnng	cnnnnanagg	ggggccaca	1380
cngacnaang	ggcgacgcg	cncntacgg	ggggcacana	cnagncgncc	agccgnncac	1440
cannaanacc	acgggggnac	gcganaaacn	acagnnncn	nnnctcngng	gnacaaacct	1500

&lt;210&gt; 2422

&lt;211&gt; 749

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(749)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2422

nnnnnnntttt	tgaacatcat	tcaatcctt	gctgncgggt	gtgggccagg	aaanaaccag	60
cacanggtta	aagtaactcc	tggcattgcc	caccaggggg	ctggtgcacc	tgctgacctc	120
aggggtcacag	ttgagtcatt	tgccagttag	cggagcaagt	ttgaccttgg	ttctgttgc	180
gaagcaaatt	tggaactttt	ctgtctcagt	gtgatccact	aaccacagg	atcatttgga	240
accttgaata	gctctgcttg	gacaatgggg	ttgggggaata	gggttgtctt	tcctatgaaa	300
atgccatctg	tagaccttgt	gagtcanceg	tcagatgtt	tgcaggtgaa	ttcctctgct	360
tgacatcttc	cctgncactt	tggaccctat	gggagtgggc	atntccacgc	acctgtgtat	420
gtgaaagtca	ttttacattt	caaagcagtg	tgtgntctt	atntctatat	ttttaactct	480
ttattcttgg	atgtataaag	tgaacttttt	ggcttctgta	agtatgctct	atgcacctct	540
aatgttttat	catgtattta	tatgtttgtac	acagtactgg	ctgattctgt	aaatggatgt	600
attgtacaga	gaacatgaac	gtctcttctc	aattttacat	cttcagcatc	attgcattaa	660
agtgggtgtaa	atctccttct	ctaaaaaaaa	aaaaaaaaaa	aattcntggg	gccttttttt	720
nctnaaaccc	aaactttann	agaacctn				749

&lt;210&gt; 2423

&lt;211&gt; 767

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(767)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2423

```

nngtcttttt gaacccgntt cgaattccgt tgctgtcgga aggggtgctgc tattgggtct      60
atggaagctt atctatcaaa ggagcaaaaca tccagaaaag tgtttataaa gcaaattgat      120
tgcctctgtt tagagatttg cccagctgtt ccagttttaa acattaaaaa ataaactcag      180
ttgccatggc aaaaatagaa tgcacagctt acttataatt ttccatgcag tatagcataa      240
ggatttttga cttgaaacaa ccaaagaact cctccttaac gagacagttc aaattcctga      300
attagtattt cttgactatc aacttaaaga atggacttcc tagtacaatg ttgcacttat      360
ttttctttct gaaataattc tgcctgcatg tatgtgttgt gttttagctt ctccccttac      420
cccaccccaa agatcttttc ttccaatggt ttaatgtctc aactcggcta ctgnntacta      480
tcagatgggt tttcattagt gaatttaaga cctctttgag aaagcttgta tataaaaagt      540
taacagatat attttatgga aaaaccntc ttattttcaa atatatttaa ctgctgttat      600
attntattag agganggttg taaatatttt nctaggagtt ctattgtaaa agaaaaagta      660
ttttttgaaa aaaaaattaa tngtaataaa aaagggaaaa ccttttttaa tagntgggtt      720
ggcgattgct tcctggttct gggttttctt tatgtcctat ttttcnn                      767

```

&lt;210&gt; 2424

&lt;211&gt; 747

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(747)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2424

```

nnncnttttt gaacncgntt cgaattccgt tgctgtcggg accattaanc ctgcctgggt      60
ttgaatccta gcattgtcat ttacaggtaa tatcatcttg ggcaattcat ctataaattg      120
ggataataat accaaatttg aacaataatg ataggttagt tgtaatgatt aaatcaaata      180
atgagagtaa actcctggag tagtgactga cacatggcat gtaataaaca tttttctttc      240
tacgaggtat tgatatttat taacctctta aaagcaattt ggactccctt tgtctcttat      300
tgtcctgtga cagttacatg gagtgcattc tcccattttt gtttaccaga tctgccccag      360
gaacttttta aaagattgat ttctttcttt tgaaaataaa acaaatatgt gaaacatact      420
gaaaatgcta aaacctacat gagagtatta gaaagtaaaag aatgtaattc tataatcagc      480
tacatatgga taggcagaga gagggtcttg cttcttgtcc agctgtagct ctgtgctagt      540
ggaagcatgt cctggagttc acgatgtggc caagagaaca gatgtagtta ggcaatggag      600
atgggacaga gagctgcaaa gtgctgcact tgccctctta ctggacccaa aaggctctca      660
agtgtaacac ctttctgtag tgctgtagat cattaatctg ggtgtgtgat gaccatctga      720
tctagcacat ccagtggcat tgtgcat                                           747

```

&lt;210&gt; 2425

&lt;211&gt; 750

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(750)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2425

```

nnnnnnnttt ttgaaacctt ttcgaaattc gttgctgtcg ggaacathtt tcaagnaga      60
aagtgnctgg cttggttcta tgaatatgca ggtcctgatn aagttgncgg gccngaagga      120
atggaaaaat tangtgaaga cattggtggt gaacctgaaa ntattattat gttagnntta      180
gcgtggaaat tggaggctgc aagcatggga ttntttacca aggaagantg gttaaaggga      240
atgacttcat tacagtgtga ctgcacagaa aagttncaaa acannatttg actttntgct      300

```

ctcacagttg	aatgatattnt	cgncatttta	gaatatctac	agatatgcct	ttgattttgc	360
aagggataaa	gatccagaag	ccttgataatn	gatactgcta	aatctatggt	agctcttctg	420
cttggganga	catggccact	gntttcagta	ttttaccant	acctggagca	atcaaagtnt	480
cgtgttatga	acaaagatca	atggtcaatg	tattagaatt	cagcagaaca	gtccatgctg	540
atcttagtaa	ctatgatgaa	natggtgctt	ggcctgttct	tnttgatgaa	ttngttgant	600
gncaaaaanc	ncncnggaca	tnatagcann	gaactatntg	aagaaaatgc	aaacctttca	660
atttcccacg	tgtatncnag	ctaattgtgat	nanggggaaa	anaaatccaa	cggntgcant	720
ttcatccttc	tgaaagactc	ccntagtncc				750

&lt;210&gt; 2426

&lt;211&gt; 753

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (753)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2426

nagnnntttt	tgaacccgnt	tcaattcctt	gctgtcgaga	tttggatttg	acttgagggg	60
tataccactg	gacttttcat	cttcccttgg	gattattgtg	aaagattttg	agacaattgg	120
acaaaataaa	ttaattggca	cggcgactgt	agccctgaag	gacctgactg	gtgaccagag	180
cagatccctg	ccgtacaagc	tgatctccct	gctaaatgaa	aaagggcaag	atactggggc	240
caccattgac	ttggtgatcg	gctatgatcc	gccttctgct	ccacatccaa	atgacctgag	300
cgggcccagc	gtgccaggca	tgggaggaga	tgggggaagaa	gatgaagggtg	atgaagacag	360
gttggaacaat	gcagtcaggg	gccctggggc	caaggggcca	gttgggacgg	tgtcggaagc	420
tcagcttgct	cggaggctca	ccaaagtaaa	gaacagccgg	cggatgctgt	caaataagcc	480
acaggacttc	cagatccgcg	tccgantgat	tgagggccga	cagttaagtg	gtaacaacat	540
aaggcctgtg	gtcaaaagttc	acgtctgtgg	ccagacacac	cgaacaagaa	tcaagagagg	600
aaacaacccc	tttttttgat	gagttgnttt	tctacaatgt	caacatgacc	ccttctgaat	660
tgattggatg	agatcattca	gcacnccggg	tttataatth	ctcactcttc	tgccggnanc	720
gattgtcctg	atnggggaat	ttaagaattg	atc			753

&lt;210&gt; 2427

&lt;211&gt; 1471

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (1471)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2427

nnannnnccc	nnnangngnn	cnnnnancnc	cnnnnnnnnn	nnnncccnnc	ccnnnnngnnn	60
nnnnnncnanc	nanggnngac	ccnnngggnn	gnngnanngn	nnccannanc	nnnnngcng	120
acnannngcc	nncaanncn	nnnggngann	nnnnngnncn	cnngncnncc	accngnancn	180
nnancnncnn	gcncancn	cccgagagnc	ncnnncnccn	cncanncn	nnangcagnn	240
cncagccagc	gncgagtcn	nnnacnncg	cgatcanngc	nanancnng	ccnnngccnn	300
gcgncgcnc	tannagngga	gngccttttt	ttgaaacccc	ggntgcgnaa	anagcctggc	360
ncgctngcan	naanganntn	cgcncncggg	ccnnncngac	ngcgcgnanc	nnngnnngna	420
ggngnncan	gccaaagcaan	gggacgnacg	agggnagnnt	aaggctggag	aagnnacagn	480
cgacnccag	canggcggta	gcttagcagc	gagcggagat	cnnaccactg	nggcccncnc	540
taggggaacag	agcgagacgg	ngtnaaaaaa	gaaaacncgg	ggcgngnagn	cncnaggggc	600
cntgccggcn	agacgnaggg	ggaggtncnc	nggcccggcg	gcngncangg	tganncann	660



```

gggacacgng gccggaccgg ngccanaggg ggnnngccna ggagccnggg aannanance 720
nncngngcgg ngngaaagcn ccggnancnc gaanacaggn cgcncantan nccccacggg 780
nngaanaanaa cnaanaaga acnggggcnn gncanacggn naaacgangc tccggggggg 840
gaancaaaang agntgccccca cggggnnnaa nnacgggcnc nnacanngnn ggcggnnncag 900
ggggcatann cncaccgatn nanncttgga canaaanccg cnaangcccc acgnccggng 960
ggnggcaacn nagnatagg agancctcng cgngggacgn tcncncnngg gggaaaaccg 1020
gacccgncgn gnnngnnan ccaaancacg nctgccaaga cganngggna tgcngcngcg 1080
ngggcgacac aaacagccgg ggnnnanana acnnncgna nacacnccga annaccgat 1140
anactcgana aacacggcgc ggcganaagg agaacggtcn ccacagaaan cggtatcna 1200
nanancanng gatnngnnng ggccccaga nacgaanagc acgngnnngn tngcgccann 1260
gcgacacncg ntncnccgc tanacgnntn gancnccaca gatnncancc nngaangccg 1320
gggcnancc gggccagaga ngngctcnca cagagggggc ncgcnccan tgcacacant 1380
nccngggaaa ctncnccgc aanagngggg gggnggcgac caaaaaac aatnctcgcc 1440
tcaagccggc ggcgcncatn nanaggctcc c 1471

```

<210> 2428

<211> 754

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (754)

<223> n = A,T,C or G

<400> 2428

```

gnnnnnnttt tttaaanccc tttcgaancc ctgctgtcct natacggccc ntaaatngga 60
tatccatntc gagatntang aatccaaacc ctnttatncc gacnaaccat tagctccnga 120
atnangtgct aaangagggt ctccaantag ntctnttata ttctatagcc tatatnntga 180
ntcttgcatc cccacgtgtg gcntaatnan natcctatac ntgnacagct nggagcntgn 240
nntagntcca anccnaatga tncgaggtat aanataactaa catcctttgn annnacacaa 300
aagcttgnac ctatntatat atntggctat gacngtntct ntanngcnet gattnancn 360
tatcctattg nnnntgannt atnanncnnt nnatgttcnn ctaattctgg gncnatggt 420
gaactttggc ctaaggattn ccttacanaag agntantnta nnnncanmtt ntgncccgaa 480
gcntannagg tnaacttcta ttcttaatnc agnccagaga nnatgattng nactatgtac 540
ctntnttna cggnaactn nnagantatc ctctnngagc cntnattgag atggctgtna 600
ctnttttggg gtcttnagga acntgaantn aaagnntgtt cgcgnccttn tttctnagg 660
aaaccntng ggttttcccc atgcctntaa nnccegttn gttannntnn ccnntatcc 720
ctgcctaacn ntngccttt cngcnatncc ccnc 754

```

<210> 2429

<211> 982

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (982)

<223> n = A,T,C or G

<400> 2429

```

cacntnnncn cntnanncn nnnnnncann ncnctnccna ctntnnannn annctgtca 60
nnntcctnn anaanttan cgcactcann tncnncnccn natanaccat nctacntna 120
nnancatanc nnnanagcn ncnacntan cncacnccn nacaagncna ataantct 180
atcnaaaga gcncctttt gaacccntn ncnaaacccc gctgncgagc ccttntgcag 240
agtgaaggac cccaactctg gactgccccaa attgtcctc atcaactgga caggcgaggg 300

```

cgtgaacgat	gtgcggaagg	gagcctgcgc	cagccaccgt	cagcaccatg	gccagcttct	360
gaaagggggc	ccatgtgacc	atcaacgcac	gggcccaggga	ggatgtggag	cctganngca	420
tcatggnгаа	cgnggccaac	gcttcagggtg	ccaactacag	cttacacaag	gagagnggcc	480
gattccagga	cgtgggaccc	cangcctcca	gtgggctctg	ngcaccanaa	gacccaatgc	540
cngtgtcnga	gatnaanagg	gttggtnaaa	gacagcttct	gggccaaaagc	agaanaagga	600
ggangagAAC	cgtccggntg	gaangaaaag	cgggctggcc	cgaggaggcc	agnggcagnn	660
tggagcagga	gcgccgggag	ngnngagctg	cnncnangct	gcacaccngg	agcagcggta	720
ttangancag	ggnggcnaaa	gccagcccna	anagcaggac	gtggnganca	ncancncnga	780
angcggnttc	nanggaaccc	naaanngatc	nngaantctg	ccgtgcaccc	cganggnaga	840
antccnnaag	cccaaangng	nanggacang	accnaccac	ctatcatctt	ccaanncctn	900
naanccggnt	cnngcngaag	gagccccctt	cntgcnaaaa	ncncnctcac	ccaanccnta	960
naaccaact	nnggcnaga	nn				982

&lt;210&gt; 2430

&lt;211&gt; 1705

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)... (1705)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2430

cnccacgcac	nnncnancang	nncnaegann	nnccnnncn	ncnnnnnnnc	nncngnnncg	60
nanannngcn	nnagacngcaa	ccncangccg	nggcgcncng	ncnananncca	nngcgnccegn	120
cnncnnncga	nnccgagacnn	gcnaagcgca	ccnnncnnca	agcgcgnncc	aagngncccc	180
nttgaaacc	cctttcngga	anaccnaagn	cgagcngaaa	aanncgnnngc	agaagcnccc	240
ngggccgcan	gctagcangc	gggagaannc	nnanacanga	ggaggnccngg	angcancang	300
canacgnanc	gagcngnnng	ngnngngang	cgaagcgcg	nccccacgac	cgngtaccan	360
acnagnggac	ggagacgcnn	ggagnggtac	nccgananncc	nngcgccangg	ccgcccncaga	420
angacgncng	ccacaccenn	acgacggcnn	gcancacaag	canagagnnc	tgngcnggtg	480
ccanncagnn	cgaangngcc	cnacngncng	gaengaaag	nnccanagnc	ancancgccc	540
gncaagnccn	ncgcangcga	nacaccnnnc	gcancggnnn	gcgcngnnng	cngggcgcaa	600
gncgcnann	naaggncgag	gncnnagcng	ggccgngnga	cnctnganat	tngcggaact	660
acgcgganac	gnncnccgca	gngagcacca	cnagaacncc	anccggngga	nggnccccna	720
nanannnggn	nccanccgan	cncgngggcg	anaggnaccg	acgagnganc	cacggngnga	780
ccccggganc	cnngggnnnc	cggagggngg	nacaangaan	ngccnngcga	ctcncgcacg	840
tcncanacng	aggactcngg	cacggcggnn	gactcaanag	gcgcnnnaan	ggnncaaccg	900
cggcgacnan	aggccgcgng	cncagcgenc	ngncncaaac	gngngaaccg	agacgangac	960
ncgcnactcn	ngagncncc	gcngagcggc	agggcnnggg	anacgncnan	agncaagac	1020
ggagcaannc	aangggcgcg	gcgangaccc	aaancnacga	ngngcgagc	ggggaggcg	1080
naannnnnca	nncnaagccg	cgcggncacg	acagngcncg	nagcgcgcn	nnnnaganca	1140
gncacgcnng	cncagcgccg	catcagcggc	gcgcnaacac	accgcggnna	gnancgagag	1200
tcgcgggnacn	ancccnag	nnngnnngacc	acagncnctc	cgcgccacgc	nnncnngnatg	1260
cnccgaanac	ncacnnnngc	nnccnggcag	tcngcacgcg	gcganancn	cgnctaacac	1320
acgcgcgnc	cacngcggn	cngnngcgcn	ncngagcgn	gnntacacn	cncacgcac	1380
ngacannng	ancgagcntg	cnancgcn	aacanacacg	nnccggggca	nccanangn	1440
tcgagncgac	nangagagac	gngncgan	gngcncan	cgagctnnga	ccncangcgn	1500
ncgaccgccc	cacanncacg	gcngngcnga	ccnggcagan	ncacgncn	cgagacagc	1560
cagccngcnc	acngngcaca	ganggacaca	ngcgacacca	nccgtnnanc	acngnacacc	1620
gccacgtacg	cngcnnnn	acgacnnggc	gcgacagcnc	gacgngccc	acgacacgcg	1680
cacgggccc	cgcacgcctn	cncct				1705

&lt;210&gt; 2431

&lt;211&gt; 754

<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(754)  
<223> n = A,T,C or G

```

<400> 2431
gnnnnnnnttt tgaacnccgn ttcgattccg ttgctgtcgc ttttcctttt taaagaaggc      60
tgctaattgg attttggtag ttcttacctc aagaaaactt gaattatttg ggggaaagta      120
ggctcaaaag agaatatatc tttcacattc acattcagaa cccagcaacc tggagtccaa      180
ttttcagtat ttaactacc tcaataatgc tatgaatgta agatattggg atagagatcc      240
caacttgaaa caacagccag tgcctgtggt aacttaatgt cttgtcaaact acttttattg      300
attggtttat atgccattct tgttatagaa gaatatgcct tttaaaaaag cttattaata      360
acactttccc aatttatatt ttaaaaagct aaagaacact ggattaataa tcttttgagg      420
gggtagaata aaataattga ttactattgc tgcatacccg ggggtgggatg ggggtggttg      480
agaaccagaa ctatttttaa aacattaggt ttcaatataa atacaactca caactgctag      540
ctttgggggg tgggggaaca ttgtgtgggt tttgttttgt ttaatttatg gattagtctt      600
taaagtaggc tntttttttt ttttgnaaan tccggccent ttaaanggnc ncctgnaaaa      660
aatttaattt nttnnanggc ttttccnann ncccccttaa aaaaaccnc ttntaaggcc      720
caanntggaa acccaaagtn tttttggttt nccc                                     754

```

<210> 2432  
<211> 762  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(762)  
<223> n = A,T,C or G

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<400> 2432
nctcnccctt ttgnaacctc gnttcgantc cgntgctgcc gnanatnanc agcccctatn      60
acnnacgtag ccacantcnc aaatnncaaa agggaatgtt ctaaaacttt ttcttcctta      120
aaaatggaga aaattgcact tgtgcttgct gngtgggtata taaaccagga ttagtcccag      180
ggctgtgagg ttcttggtga aaagggttaa tcgtngaagc tagtatattn tntatatttt      240
tgnaacaatn gcttttttca tgggggaggc gnggttagta tttatagncc taacaagtcc      300
agtaattntt tataaatctt cagattataa acagccccta aaaactttac aacgtttaca      360
cagtttttta aaaagagact gtntacactt gatttgcttt caaaataaat anngtcagct      420
agtctangag gttaacgten ggtaggaatg ctgatcatga taggttttgt tttctacaga      480
ttctgttccg gtgccntttc ctatccaggc accacctgan aaagntgtca tttgaggctn      540
cacttggaag ttacatctgt gaagcccctg tcaactcgcc agatctgtgt tgtgtancat      600
gtgcttgagg aagcacgtgc tgggctgtgc cctcatagag tgcatnaccg gggcaccag      660
aaggctngcc tggctatctt ctgtctcngg tnnngtgtgg agtgntggng aggggaacaga      720
tncnngatca aacctggggc tggttttccc gtctaggctc ct                                     762

```

<210> 2433  
<211> 746  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(746)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2433

```

nnnnnnnnnn tttttaaacn ccgattccaa attccggttg ctgtcgggtga aacgctgtct      60
ctactaaaaa tacaaaaatta gccgggtgtg gtggtacacg cctgtaatcc taagtactcg      120
ggagactaag gcaggaaaat cgcttgaacc cagaaggcgg agtttgcagt gagcggagat      180
cacaccactg cactccaccc taggcaacag agcgagactg tctcaaaaaa aaaaaantta      240
ncntntattt tttagggcct ttcnanataa aanggggatt ttcttttctt gtntaaaaat      300
ntaanctnct ngttncatta gtaanatngt nttgngnggg ttagtatatg tgnncttgna      360
acagtntccc nggntccttt atccnctaaa tntcagtagg tncccnattn tgnacactgg      420
ttgngacanc caaaaaatgt ntccanacnt tggcaaatgt ntctgggggg aacaaaatng      480
ctccnttttg aaaatcactg cnttaaatnc tntgttnagg nttaaataag acncntaaaa      540
nttttaanct agcaggggac taanaatttg ngagtattgt ttgttgcatt ttcataattta      600
tcatgttggg aattttaaatt tnccctagcc ttatttggag agtttaactt tttttttngg      660
ttngtttngt tttgaactnc atnttnaacc cactgttaaa tgtaagccc ttaaaggga      720
ttaaggga cattttgngn ccccn

```

&lt;210&gt; 2434

&lt;211&gt; 757

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(757)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2434

```

nnnntntttt tttcnaance ccnnttncca attccgttgc tgctcgttgt tttccacac      60
agtggagctg taactgcact aagatggagc aaacagattt ccaaagatta agattcagta      120
aattatagtg agaattgaca agaagtttct gtttatccat tgaccagaga agggaaataa      180
ttcatcaagt ttagtttgaa ggtctcaggg atgttgaaat cagactttta catcttaatc      240
cagtgagaat gaaaaatgaa ctacttatag tgtctgcccc tgacaagtca tttctttgct      300
tanggatgca aatcgtatca cacagtggtc tgaatatatt ctttcaaaga gataagctgt      360
ttgtttttca aaatggagct tccagggtgt ctaattctga acacgaagct ttgttatttg      420
gagaanaata tccttttatg gtggtactag gttagttggc aaatatttac taatgcatac      480
tttngnctan gaactgttgt gttcatgagg acagagaaaa gacaacacag atgactcctt      540
gtctgtacat agctnccact ttagtgggag gagacaaatg atcaaagtgc ccccatgaga      600
agatacgata aagtgatgcn ttacagattg actaaattgg ttaangaana tctctcataa      660
gagggccang cgccggcggc tcacacctgt aatcccagca ctttgggang ccnaggcaca      720
tggatcatgg angtcangag ttcaaagatc agcctgn

```

&lt;210&gt; 2435

&lt;211&gt; 798

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(798)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2435

```

nngnnntttt ttccaacctc gattcgaatt ccgttgcgtg cgaaatattg ttttaaatg      60
catcagecta tgctatacaa tctgaatgtt attttaactt atagtttttt ttaatatata      120
tatttaacta taaggacagt ttagggaaca agttacctac cacatttcac tttagtgtac      180

```

ctatttacag	aaagattaaa	ctgccacctg	cgggcacatt	cccataaatg	tgtactttac	240
tttaaaaaga	acatgccacg	atthttgtctt	tctgtggact	caacattcac	ttcgattaaa	300
aatagcaatt	tgaccaagtt	ggacttccac	tacaaagcag	ctgttttcca	aagttcaatg	360
ctgacatata	tgtatattaa	aataattgcc	tatttattaa	tctacaaata	gacaacgttg	420
gcatgttctt	ttctgtttgt	ctattaatgg	gcctgcttct	tagcaatatt	agaatgtttt	480
ataaaagcaa	ttcatgttac	ttttctgggc	ttttcatggc	atatgagcaa	ataataaact	540
atttacacta	ctaaaaaaa	aaaanatcca	aactaaannt	annntannaa	aaaaanaaat	600
ntntnnceng	gnctttnttn	tnnnncnnnc	ncncnntnn	nnnancnnc	cccnnnntn	660
ntntnnnnnc	ccnccccnn	cttctntnac	nnnnntnnn	nnncnncnn	nnnnnnncnn	720
annnnnctnc	cttntctncn	nnnnnnnnn	cnnntnnccn	nnncnnnccn	ncnnnnncnn	780
ntnnnnnnn	nnntnct					798

&lt;210&gt; 2436

&lt;211&gt; 852

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (852)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2436

nngnctttct	acanganca	ttcgtgctgt	cgncaaaggc	tccactccag	tnnctgcct	60
gttaatcacn	aatatgctna	ncaggagagg	cttttgnant	catcttcac	ttgacattnc	120
aagagcagna	cngggtnagc	atncacaaaa	gnacactgta	aaacngggaa	ctgtgtntca	180
cccttctctga	gtnaaaaggg	aaagcttatg	cctcagcctg	aggcaggngg	gccccctgcc	240
atgcacacct	ttgtgctgca	nccagggatc	cacttggtcg	ggetcaaccc	ttccccgtag	300
ggacgactgt	acanaaaagga	gcncggatag	nagcaaggcc	cgncangngg	aangcctgct	360
tnctgtgggt	ccccctgcgt	ggctggcagg	gagtggctng	ngctnggagt	ccnnaattac	420
ctgangacac	ggaaagctnc	ancttctntg	anaaaactca	nattttgtaa	attgcgccat	480
ccanttgana	gcacnttacn	gnngnaatcc	cgcggagatt	nggacttgnt	anganngcct	540
tngccctnan	cggnggttct	tnnnctgtc	gnntggctcc	tgtanntngg	ntgcctttga	600
nnnnnttgtn	tnntccccnt	agnntctctc	ttactnena	ggnttcnttc	anttctttca	660
cngtanatnc	cgacanancn	tcctctntg	gcactnctt	anacggantc	ccttnnacga	720
natncttatn	nnntctant	gnctnngcna	ttnttctctc	ctnttccnt	ttttgcenn	780
cnngananat	cctnnaaaaa	ncntctngct	ataaaccgtt	cttnnctat	cncanatatn	840
tnatanctnn	ct					852

&lt;210&gt; 2437

&lt;211&gt; 750

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (750)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2437

nnnnnnnttt	ttcaacctcg	tttcgaatc	cgttgtgtc	gcctgaacct	gaaaatccca	60
ggtgggcgtc	ggggactagt	anggtgggga	agccttggct	ccagccttca	gggcagtggg	120
tgcctttggg	aaccaagttt	aggcatggcc	canaacacag	tatccaagtc	ggctgtgtctg	180
accttttcat	tncaacttcat	ttcattatgt	tcttctatgt	ttattttcac	agagtctcat	240
ccaagaaaaa	caaatgttta	cettgtctacc	ttnttctct	tccaaatana	aatagcttta	300
ttgtgtcaca	tgggggaaac	gtagatntgc	tttagatgtt	tcagattaac	tatctgtcaa	360

atngaatacat gtcagtga	aaactggccc	tgccgatgcc	agggctctgga	agtattttaag	420
aggtggcagc ccatcggc	ccttctagta	tttctctntc	attnctgaaa	ttagaacnag	480
ggctgtgctg canaactcg	tgggccacat	ctagcccttt	ggtggtgaat	cgttcctctn	540
gggccccgat tagccagt	caacaggtcaca	cagtctgctg	aaatgtgttc	caagttcttt	600
ctatagagaa tccttccc	na gggaagccac	tgtgantgan	aattttgang	ctcctntgcc	660
cagaagtttg gcatgtt	ctg tggaaatn	cn caaattctta	catanaangg	aaatctaaat	720
cgntcagat ggagctt	gtg ttgcgagctc				750

&lt;210&gt; 2438

&lt;211&gt; 1233

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1233)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2438

cncennnnnn cctnccan	nt cennnnnn	nnnnnnnat	cctcnatnnn	tnnnnnnnan	60
cntcnntacn nannca	nnan annnnn	ccgn acnann	ntntc cnnntnt	ac nncnnnn	120
nactctcaca cctnna	cn canncn	cn atncnt	ctc canaac	ntnc aannct	180
ntcnccgtcc ncacan	aan catccc	acat ncacn	ctct catatn	annc tnagcn	240
tttttttaac cannc	cccg attccg	ntnc ncnct	cngcg cagtng	gcac atactg	300
ngccaagctn cataag	ggn aagtgg	gag atcgcg	tcaa caccag	gga gatgtg	360
tgacagatgag ctgtg	atagn gccant	gcnc tcanc	ctgaa tgacag	aggg acacc	420
nnaaaaaaaa agtcag	cga taactag	gac aaacta	cntt ttaact	gctn anagct	480
gctgcgcata ntggac	agac cnagag	actn naggtc	aaag agggcg	tgt taact	540
ctaattgngcc aaggg	aacct tgcctt	aaata ntgcnn	ann nntgaa	anat ggggn	600
nannnnngcc ggggg	ccacag accaag	actc catngc	acta aacnnn	cccc gangcn	660
nnangacaaa gggnn	ttaan aaagant	nna catcccc	aaa ccattg	gcgg naggg	720
nnnnnnnccg agcng	acaaa aggctt	naan gaccac	gcgg ancact	cnaa tnnngn	780
ntggggntac aanaa	nncc gncnann	ct angnt	ttaan aanngn	actn nccacg	840
tttttanaaa ngcnc	ctcng acncnna	aac attng	cnc tnaaaa	angn cnnang	900
nanatcaacg nncaa	ggga cncntg	cct nanagg	ggn aaatct	ntct caggn	960
ntcnnagggc ntanna	acac tcgggc	ctcg gcaa	cnnag naancc	ann acatcg	1020
tngcccnngc gntnc	gcaa nacacac	cccc tngctn	nggg gncacg	caac aggggn	1080
acctcttttg gctgc	antaa nnaaag	cang cccnaa	gca cccnt	tctta ctcnca	1140
tannggctcn anaaa	agnn cccncg	ctc cnnngn	anan tcennat	cta tcntac	1200
ntcgntnca aacna	agcn tnangna	nan cct			1233

&lt;210&gt; 2439

&lt;211&gt; 784

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(784)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2439

nnntcctttt tnaacc	nctt tcgaatt	ccg ttgctg	tcgc tcaagc	ttca aacagc	gcag 60
ataaatgcag gcaag	taaaa gatgcc	gccg ttgctg	ccgt caccgc	ctcc tgggtc	gtcc 120
gccacgggtt gcact	gccgt ggcag	acagc tggact	tgag cagagg	gaac gacctg	actt 180
acttgactg tgatccc	ctt tgctcc	cccc actgtg	acct tgaacc	ccat gcactg	ngac 240

```

ctccccctt ctcccccttc ccactgtgat tggcacatcg acaagggctg tcccaagtca 300
atggaaaggg aaaggggtggg ggtagggga aggttggggg gacccancaa ggactcagag 360
agtcagacag tgccacttgg ccacttgggg taaagccagt gccagcactt aacagnntat 420
catgctcatt aatttgggat ttnaaaacac aaatgaaaac tcacaccac ccaccncaa 480
gtgcatgtct tcatcactta aaaaagtaag ttcatattgaa aatattcctt tcttttttc 540
tcccttcta ttntngtttg attatccaaa nnntctgatc tncncnaana aacntcntn 600
gnntggggnt nttnagnggt ttaanatgaa ttttnnacnt nacacnaaag gcnnntctn 660
gnnanntctt acttttnaan nngtcttctn gggcaaantc tccttnaaaa ctcttaaccn 720
ntnngntttt tgnnngagnn ttaacntnnt gccttccta nctgncncc anccttnaac 780
nnct 784

```

<210> 2440

<211> 783

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(783)

<223> n = A,T,C or G

<400> 2440

```

nncttnttgt tcnancccggt tcnantcctt gctgtcggca actcggagga gaagaccccg 60
gccccaggc tagctgcgga gaaaaccaag aaggaggagt acatgaagaa gctgcacatg 120
caggagcgtg ctgtggagga ggtgaagctg gccatcaagc ccttctacca gaagagggag 180
gtgaccaagg aggagtacaa ggacatcctg cgcaaggccg tgcagaagat ctgccacagc 240
aagagtggag agatcaaccc cgtgaagggt gccaacctgg tgaaggcgta cgtggacaag 300
tacaggcaca tgcgcaggca caagaaacca gaggccgggg aggagccgnc cacgcagggg 360
gccgagggct gaggccaggc aatcacgggc tatgcccggg gagctgtcgg gagtggcggg 420
aatcggggcc atgcccgggg agctgtcggg agtggcgggg atcggggcca tgcccggtn 480
agctgttcgg gagtggcggn aaatgggggg catnaccatg cctgccgtcg ggttcctg 540
ctgacacctg gtcttgtgca cctgtgttgc ttacagttna aaactggaca cttttgtatt 600
gtatattata nagacacctg tttccatttc taatttatca aaaatgngat tatcctttaa 660
aaaannncta ttnannaant ttcttnggng gccntttttt tncnnttata ntcccnnnn 720
cantttatta ctaaacncca tnnntncaat tttttggtcc aaaactcctc cnntctttag 780
nnn 783

```

<210> 2441

<211> 751

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(751)

<223> n = A,T,C or G

<400> 2441

```

ancnnnnntt ntttnaacc ctttctgaat tccttgctgt cgccttcagc cccctgttca 60
cagcatgcat ttccccgat tgctcccatc cgagcagctg aatccctgca cagccaaccc 120
ccacagcacc tccagtgtcc cctctaccgg cctgactcga gcagctttgc agccagcctt 180
cgagagtgg agaagtgtgg ttggtattgg gggccaatga attgggaaga tgcagagatg 240
aagctgaaag ggaaaccaga tggttcttct ctggtacgag acagtcttga tcctcgttac 300
atcctgagcc tcagtttccg atcacagggt atcaccacc aactagaat ggagcactac 360
agaggaacct tcagcctgtg gtgtcatccc aagtttgagg accgctgtca atctgttgta 420
gagtttatta agagagccat tatgcactcc aagaatggaa agtttctcta tttcttaaga 480

```

```

tccaggggttc caggactgcc accaactcct gtccagctgc tctatccagt gtcccgatcc 540
agcaatgtca aatccctcca gcacctttgc agattccgga tacgacagct cgtcaggata 600
gatcacatcc cagatctccc actgcctaaa acctcttgat ctcttatatc cgaaagttct 660
actactatga tcctcaggaa gaggtatacc tgtcttctaa aggaagcgca gcttcatttt 720
caaacagaan caagaggtgg aacctccac c 751

```

<210> 2442

<211> 746

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (746)

<223> n = A,T,C or G

<400> 2442

```

nnagnntttt attcnanctc gtttcgaatt ccgtgctgtc gccggtccg ccgattcctc 60
ctccttggtc gccggtcct tggctggcgt cagaaaaatg gctacaaact tcctagcaca 120
tgagaagatc tggttcgaca agttcaaata tgacgacgca gaaaggagat tctacgagca 180
gatgaacggg cctgtggcag gtgcctcccg tcaggagaac gnggccagcg tgatcctccg 240
tgacattgcg agagccagag agaacatcca gaaatccctg gctggaagct caggccccgg 300
ggcctccagc ggnaccagcg gagaccacgg tgagctcgtc gtccggattg ccagtctgga 360
agtggagaac cagagtctgc gtggcgtggt acaggagctg cagcaggcca tctccaagct 420
ggaggcccg ctgaacgtgc tggagaagag ctgcctggc caccgggcca cggncaccaca 480
gaccagcac gtatctncca tgcgccaagt ggagccccca gccaaagaag ccagccacac 540
cagcngagga tgacgaggat gatgacattg acctgttttg gcagtgacaa tgaggaggan 600
gacaaggagg cggccagctg cgggaggagc ggctacggca gttcgcgag aagaaggcca 660
agaagcctgc actggtgggc aagtcctcca tccttgctgg atgtcnaagc cttgggatga 720
tgagacggac atngntcaac ttggag 746

```

<210> 2443

<211> 732

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (732)

<223> n = A,T,C or G

<400> 2443

```

anctcggttc gaattccgtt gctggtgttt taaaataacc tggactcaat gacaaagacc 60
gagtcttctt tttttttaa caaaaacaaa aaaagcaacc agggctattt gtacagttaga 120
aggggtgaac agaattggcg gctgtgctgg gagttggaag accgggcagc ccgctattta 180
gagccatccc tcagttagct ggcagggaca agccaacgcc aggttagcatg tggccaccct 240
tgcccagtg ctgtggcctg gcaagtggcc acgcccgtg tcagaccatc tgggaattaa 300
gtccagaca gacttacaga tgccttcctt aggagttctt gcttcttgcg ttgatacttt 360
gccccagaaa ggcctgggat tcattctggt tcttatcagg gtgtgtccac actctgctca 420
cagggtgatc cacggcttct cagtgcggag agtcgagatg ctccctgcag cccangcccc 480
gggcacctnc tgcaaccatc tctgggctca gcacctgagg cgggtttcct ggggtccctn 540
tccagcaagc cttaccagc aagctcgcc canancttcc cttccggctg gctctgaacc 600
gtgcnttggg gcctacagcc tgcatcttgg agacaagctt tttccggant gcttttgga 660
gccaggccag ggtgttaagg gaggtgcaaa ggcattccgg gccgggagca acccccaggt 720
ttgaacaggt gc 732

```



<210> 2444  
 <211> 859  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(859)  
 <223> n = A,T,C or G

<400> 2444

anttgancca	ttncgntgct	gtcgganacc	tcacgcccta	nggatgtagc	cccgtctgca	60
gtgcacacgc	agtcgcgcacg	ccgncgacct	ctgagcgggt	cagacgccct	tgtgcttttt	120
gtttctaggg	acagagtccc	caagtgggtg	cacgtgttaa	tnggaaagg	gntcctggag	180
ctggagcgc	tcccgcccca	gcccttcacc	ggcgagatcc	gcggcatgtg	tgacttcatg	240
aaacntcagcc	tggcggactg	ccttctggtc	aacctggcct	acgagtcctc	cgtgttctgc	300
accagtattg	tggctcaaga	ctccagangc	cacatttacc	atggctcgaa	tttggattat	360
ccttttggga	atgtcttacg	caagctgaca	gtggatgtgc	aattcttaan	gaaatgggca	420
gattgcattc	acaggaacta	ctttttattg	nctattgtag	gattatggac	tgggccagag	480
cccacacaag	tttacaagtt	tcttgggtgat	gaaacgagat	aaaggcttgt	tgggtgggaga	540
atgctntcgc	ttgccccgtg	ttcggagaca	ccatttcccg	tcnagcttgc	tgatcccng	600
cttacccttg	anntgaagtc	ngnaaacctt	ccgaaaccan	cntgttnggc	angtttgggc	660
ccaangaact	tcccccttta	tttgnctgga	angttaaatt	taccnatnng	tttggntnng	720
gcncngttcc	ccccccgna	aaggggggnt	tngggtcatt	cnaccgagg	aaaccnga	780
tattgnggcc	cnaaccana	ccantttttg	ggcccntttt	aaaaannccc	tttttgnaat	840
nnggnaaccg	tngggnttt					859

<210> 2445  
 <211> 796  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(796)  
 <223> n = A,T,C or G

<400> 2445

tttnnaacttg	aatcngcaca	atttgaatcc	caacctcaga	attctaagtc	ccatatatta	60
gtttttggta	acaatcatca	gtaaaaggaga	atattttaaa	aacctataaa	ggagtccttg	120
acaatactat	ctaaatcttt	ttatacattg	ataattttat	aatataccct	gtatatatta	180
ggtaaatgcc	tgtaggtctc	caaagaccta	gaattgagaa	tcagagggtg	aacatccaaa	240
caaatcccct	agatgtggga	aaataaggaa	gttatcttat	ttcgtcgtca	tttatattga	300
ggtgaatcat	gatgganctg	gtatgagatt	tcctcaggag	gtttcttgaa	gcttatcatg	360
tttacagacc	ataacatact	ctttgctgat	tcatatagca	atgaatgata	aaatcagagg	420
cacttggttt	gggcacttaa	aggaatgttt	tcattctctc	tcccagttga	ngccatgact	480
tgaagaaagg	ttaaaangnt	ttgagtatca	agtagcatcc	tacaaaagga	tctaaaacta	540
gattttctag	tttggctcac	ttaanatgat	aaaatgagat	aattggagac	tatcngttgt	600
aaaatctgaa	gttnggaaat	nacaccgtag	ccttgaanaa	aatggtcagn	gattcaccaa	660
gaaaaantan	gnaaacaacc	atttacttca	agtttttgcc	ttcaaaaaaa	gttaaaangg	720
attttttaaa	ttggaanaaa	aanctccctn	aaattttgnt	ccttntaagn	cctatggcnc	780
ttttgaaaaa	ggaanc					796

<210> 2446  
 <211> 780  
 <212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(780)

<223> n = A,T,C or G

<400> 2446

ttntactcgn tcaattcctt gctgtcggan aagttgagtg gttgggacag tgggtccnntt	60
cgngntggmn agancactgn cttagatnat gtgnggntct tctctggtca gaggcccaaa	120
tgagtggaca agtactgtga tttctcaagc ccctatgcag tgtagatgc cactatgaaa	180
tacgagccat tgaaagagat ctcttcaact tattatTTTT tatcacgaac gtacatatca	240
gttatttatg agattTTTT ttttaaatat ttcattTTTT ttcacgactt tttctgccat	300
tgaattagcc ttttctcat gcactgggtg tcaagaaata catgccataa taagatggca	360
gttaaacttc atcagtattt ttttttttta aataagattt tttanccngg cncaggggtt	420
cgcncctgta atttgaacct tttgggaagg ccaaggcagg aggatcacnt tgaggccngg	480
agttcaagac cagccttagc aacttattgn gaccttgtnt ttcagaaant ganttccttg	540
gccatggggg catntnctg naggaanctg aagtgaagag atccttgagc ccaggagttc	600
aagaccagcc tgggcaacnt agtgagaccn tgtcttttac agaaaaattt aaaaanttaa	660
ctggggcnct tggggccccc tgccctttta ggaagncttn aaattggggg aagggatccc	720
nttgaacccc caggggagtt ttgaaacctt ccantggggc ccaaaattcn ccncttcnnt	780

<210> 2447

<211> 806

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(806)

<223> n = A,T,C or G

<400> 2447

tcgntcaatt ccgtgctgtc gcttgttttt cagacctcga actatggaga acaggaattg	60
aagcccaggt ggggtgtccaa tgccagacca tggatcatca gcctgggaca ccaaagtgcc	120
acactctcag agtgaggatg atcctcagga agtcagctct accaccctcc acaccaggaa	180
gtgcaagcag actcacctca tgattgagca gaataagaga atccttgaga agtcataagt	240
ttgcatggat ttgcagcaca agttcaaaca actagatggc accaaatccc tcaatttatg	300
aagacattta acgtggtacc caattggaaa cgcctcatgg cagaaacaaa cataaatcct	360
ttctagaagg ttgccttgtc caagtgtttc ccaaaccagt ntttttaggg aaaatgcnc	420
gctnactata acngaanttt aacctaaact tggaaatang gaaccagcan anacaggtct	480
gcanatattt cggatatngg aagnatcana cacagatttt aaaacaactn tnccttaagat	540
gcttanngaa tnaaaaggcn acntttaaaa nttatttncc cntngaaaa ttttttaaaa	600
acaatccanc atgtttggaa aagagaagcc caantggaaa ttttcctaaa ncannaccaa	660
accnaancca aatggaantc aaattggaaa ttttaccacc ancancaann ccccnnaaca	720
cattggggaa aaattaaaat tgccnttttg aaagaagagn aatttaagtn gnaaccttgn	780
aaangattta ngggaanaag naaaaa	806

<210> 2448

<211> 842

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(842)

<223> n = A,T,C or G

<400> 2448

tacttcgntc	gattccggtg	ctgtcgcttg	tttttcagac	ctcgaactat	gggagaacna	60
ggaatttnga	agcccaggtg	gggggtccan	tgcngncct	tggntcntna	ncctgggcn	120
ccaaagggcc	acnntttcag	agggnggntg	ntcntcagga	agtcagctnt	nccnccntcc	180
ncnccaggaa	gngcangcng	actcncctca	tgatnganca	gaataagaga	ntccttgaga	240
agtcntaagt	ttgcntggnt	ttgcagcaca	agttcaaaca	actagatggc	accaaaccct	300
cantttatga	agacatttaa	cgtgggtacc	catttgga	cgccctcatg	cagaaaccaa	360
ccataaatcc	tttctagaag	gttggccttg	tnccaagtgt	tttcccaaac	caagtttttt	420
tttangggna	aaatgcccca	gctttacctt	ttaaaaaaa	attttaaccc	taaaccttgg	480
gaaaataaag	gaaccaggcc	aggaaaacan	ggctctgcaa	aatantttca	agaatatttg	540
gnaagtatca	agacaccagg	anttttttaa	acaacctatt	ctttaagnat	gcttaaagga	600
aagtaaaagg	caagctttta	aaatttatag	gaccatagga	aaantattta	aaacaattcc	660
agcatgtttg	aaaggaagag	ccaatagga	atttntctaa	ccaaccaacc	aaccaatgga	720
atcaattgaa	atttacacca	acacacaccc	cacaattggga	gattagatgc	cttttgagag	780
agaattagtg	actgaaagat	aagagagaag	aagtccccga	acttacctat	tgcaaaaaaa	840
aa						842

<210> 2449

<211> 813

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(813)

<223> n = A,T,C or G

<400> 2449

nccnttcgan	tccgtgctgt	cgctgattat	ccgaatgagt	aagtagattt	ctcactttgt	60
ggatgggtccg	ttacctggga	tctcctatcc	tcctggggct	gaactaggag	agtggaaacca	120
gagtcataat	gaggcatctg	atgaggggag	gggtagggag	agagagaaag	agacgtagag	180
aggaggagag	agagaaggat	atctcagatc	tcatttttaag	gctaatttga	gaggagacac	240
gtagagtact	tgagaacctg	ggctctggca	ccagacaacc	tggtattcaga	tcctggctgt	300
gccatttccct	ggttgtatga	tggtgggcat	gtaacttgac	ttctctgcct	cagtttctct	360
atctgtaaaa	taggataata	gttttacctc	ataggggtgc	tatgaaatga	agtaagtaat	420
gtatatatag	agtgattaga	agtaaaaatt	cgaggctggg	cggggtgact	caacacctat	480
aatcccagca	ctttggggag	gcaaggcaag	aggattaatt	gagcccagga	atttgcgacc	540
agccttgggc	aacatgggtga	aaccccatct	ntacaaaaat	ncaaaaatta	nccgggggtg	600
ttggtggcca	cattgcctgt	aatcccagct	tcttcaggaa	ggcttnaagg	tccgggggaa	660
ggaatggctt	tgagcccca	ggaanggtng	gaagggtcca	antgggggtcc	caagaatcca	720
ncccttgggg	tggaacanna	aaccnaaggn	ctnntgggtc	ccccccatt	tccccccna	780
aanaaagggg	agnntaaaaa	aatttgggan	cct			813

<210> 2450

<211> 765

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(765)

<223> n = A,T,C or G

<400> 2450

tnnacatcgn	ttcgaattcc	gtgctgtcgc	cagaataagc	ctatcaaaca	taggtcaa	60
ggttaaataa	agaatgaaag	cgtaaaagcc	atagaagaat	ttttctgttg	tcttggagta	120
gagagacctt	cctaagtttg	acacaaatcc	cagaagctat	aacataaaaag	actgatacat	180
ttgacaacat	caaaatgaga	tccacttcat	aagagtaaca	ctgtanacaa	agtcnanaga	240
tacatgataa	tctgagaaaa	ataatttgga	aaaaatatga	taaaaggagt	taattttctt	300
aatatacaaa	gagcccttaa	aaataaataa	aaagggtcat	taattgaaaa	atgggcaaaa	360
ggacatggat	agaaattcac	agaaaagaag	tgtaagtggg	tcttaaataat	atgaaaagac	420
ccacaaccct	cttataataa	aaagtacaaa	tcagagctgc	aataagaagg	catttgtaac	480
ctatcagatt	ggaagagatc	aaaatattta	ataatacact	gatttgggtga	cagtgtaaaag	540
aaaaattact	ttcatacatt	gctgggtgaga	gtaaatggat	acgattgctt	tgggaaggcaa	600
tttgtgatat	ttatctaaat	tatgaatgcc	catctcttag	aacccagcag	ttccactaat	660
agggtatccg	gcctagagna	accctcccat	gggtccaatgt	catttggcca	ttattggaat	720
ccatgggaaa	aattgaagga	ccaccaatng	taaatntccc	tcgcg		765

&lt;210&gt; 2451

&lt;211&gt; 834

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(834)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2451

cgntcgaatt	ccgttgctgt	cggtgtttta	agaagtcggt	aaacttaata	tttactagaa	60
tatttgtttt	tggatggcat	ctaataatatt	aatagcccag	aaaaaaggcg	ccactaatga	120
atatgtcttg	gattacatag	tgacatatat	tagcttttcg	tccacatttg	ataacattgc	180
taatatatttc	ttttttttta	ctgaagctct	ttgaatttaa	agttttctct	catttaaatt	240
tattaattaa	aaacatacct	ttactctgtt	cccttttagca	tttcaacctg	atgttaaaag	300
atgtgtatgt	gtgatatgtg	tgtttgaaat	tttaactttc	atcttggagt	atttaattct	360
ctgaagcagt	gcctgactct	tgctcttcag	cctcttgaga	gtgtcccctg	gtttatattc	420
ctgatgatac	aaaccctgga	atttctngct	gaagtgttaa	cactttattt	ccaggnccta	480
atttgatttg	aatagtggaa	gttcagattc	aatgccatta	atgacagatt	ctatgttgac	540
ttnttcagat	ttgccagacc	ngaaaaacct	cctttatgtg	aaggaaaaatc	anttangcct	600
tttttgncta	atcctcctnt	ggtattaaat	ggagnacctc	ntttttcttc	atttaagnat	660
tgaaggttna	aaaaaggaat	cccagnaagg	aatggatcca	nccaggttn	ttccccccca	720
agaaantttc	ctcatnntta	atttnannaa	tntnggnaaa	aanggnaana	cccnaaantc	780
ccttgggggn	atttcccntt	ttccccctaa	aaaaannngg	gttcgnattt	ncct	834

&lt;210&gt; 2452

&lt;211&gt; 745

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(745)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2452

cgtaaaagna	aaaatctcaa	gaaaacagaa	atggcatgct	ttacccatct	tacttagtga	60
aagagagctg	cagttgaaat	tgtttaaaaa	gtagcaggta	caatgaatat	tgtcacagat	120
gtgttaattt	ttgaagcaat	gtgggtgctg	actactagta	gtatcaaaaa	tatgttcagg	180
attgttttga	tacctgtatt	tataataaaa	aatgttgggg	ggagttgatg	aattcctgtt	240
aaaagctgtt	cttgtgtgtt	acatgtaaca	gacatggtaa	atatttgttt	acagtctttg	300

ttaacaaac	catgcattta	agtttaagt	aagtcaacaa	aaaggaaata	ggtgtatgga	360
tatgtgattt	tgagattaaa	gntagtctta	aaatgtaat	aaaatgtgaa	acgtgtcctc	420
agagactgtg	ccatttctat	tatgttgatg	tatatgtaca	gtaccttgcc	agggaagcaa	480
aaattggaat	tattgttagct	tttcatgtat	acacactttt	atttacccta	ttttgtgtac	540
ttcttgtgaa	ttataatttg	cagactatct	cagaaaagaa	attatctagt	ttaatttctt	600
ctttggacaa	ggagtcctag	gtattatatt	ttgagtttga	tttcaccaga	aataatanta	660
ttaaaaagat	ctttgcattc	tgggcagtc	ttttaggatt	ataggttgca	aattatccaa	720
atatatatcc	catttttaaa	gcata				745

&lt;210&gt; 2453

&lt;211&gt; 921

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(921)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2453

ttnnctnnnn	annccgtgnn	ngccgaatgc	ctgcaggtcg	actctaaagg	atccccctgga	60
gccgagcct	atnnnccena	cggtgnnnng	tannacaggc	ngtgcccgtc	cattgcagcn	120
tcttaantgg	gcctcnnntn	ggnggatttn	aaaaaaaaat	tccccacttg	cccttttcgc	180
ctggccnttt	cnttgatngg	tggnggnta	aaggttggtt	naanngantt	tgaaggnccg	240
gntttagggg	cctctgccat	tgggnttnt	gnttgangng	accagnagtn	nccnggttc	300
ncnttttngn	ccttctttac	aaggteccna	aagncttgnc	aaaccggaat	ccnttgctt	360
tcctnnnttg	gaangtnttn	tattacctag	ggcctgcnc	tgagtaatnt	tatttttgcc	420
nnanccgctg	gcntttaaaa	taggggatcc	ntctcaattt	ttttccctng	ggtattttng	480
ggaaataaaa	aaaanccttt	cnaagcctan	aangganagg	ttggcaccan	ggaccncaat	540
gtggcctgga	attttggcag	aangattcaa	gnatgcctgg	cgccgggaaa	atcttgcata	600
naattttttt	ggttnancct	aaacccttgg	aggganaagc	cnttggaccc	aattaattng	660
gcaaccaatt	nccntttttt	tttcttttgt	gtttgggaaa	ttaaaaccng	ggggggaagg	720
ccnttttngg	ggaaaaaang	gccttttaaa	ttggaatngg	gnaaaanggg	gttagancaa	780
attctttttc	cnccttangg	ggggnggaaa	aaggnaangg	caanccccct	tnnnanggga	840
aattgggttt	tgcccttggg	ggtaaccccc	ttncccaaaa	ataangtttt	tttttttaaa	900
aaaaagggtt	tnaaattggg	a				921

&lt;210&gt; 2454

&lt;211&gt; 789

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(789)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2454

nnncttagac	ctntcgattc	cgtgctgtcg	nnngtgtgna	anctacntgt	ggnaccntn	60
ncnaangtgt	cccaacattt	ttttgacctn	nnancncaca	aacccggnct	gntcattntt	120
caagtgtaaa	ggccatggnt	tgggtctcnc	aagcatgaaa	gcccttgggg	aanatggtgt	180
ccaactttgg	gtggggcccg	tgggaggtcg	aacaaancct	anccattggg	gagctgggtg	240
aagtcagaac	aggaggactg	ggttaggaagg	agagacctnt	ttcccttata	gaatgactaa	300
ncactgtggg	aaatatgggt	ttcaaaacca	antcttgaaa	atttataaac	accagtgtaa	360
ncctatggag	aaggttgggt	ggactcaaat	tcctggngac	ataggtactt	tcnccacctc	420
atcttctcta	atggaangga	aattcttnac	cngatgataa	aataaaaaaa	tattgggccn	480

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ggtaggtaaa aaaagaaaag anggttcatt cattatgtaa aaattaccaa aaaggcttat      540
cattgaaagt aaaaaataat gttttaaatc caaccacttc ttcccatcac tcccttatnc      600
tggagcaccc cctgtccctt ncaaacatct ttgacttttt tttttttgng acanaaatnt      660
tanctctncc ccaaggctng gaattncact ggggggagan tttnaananc tactggaaac      720
ccnccncttc ccngggttca agccgaattt tccntnccnn aacctcccn nntagctngg      780
gacnnancn

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&lt;210&gt; 2455

&lt;211&gt; 1209

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (1209)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2455

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ccccccacga nccgaannan gnnannnacn nngaggggng nggnannngg ggnnggnncg      60
nnngnnggac gnnncnnnnn nnnnnnnnnn nnnnnantgt cgtngnacct ttngggaaac      120
ccccnnnnnn nggngcngcn nggnnacncg nctggggggg ngggcgangc gnggggnttt      180
ggcccttttt tttctgaga nggcnncgag cggnnncccg gnggggggan ngnnngggng      240
cnggacnngc ncntntnnng gcnnncncgn nagaggnnnn gggngggggc cnacanagag      300
nnngancggn ngcngggngc ncangnagg gnggggaggn ggagncgtg gatggtggtg      360
ncngcgngng agcgggncg gncngcnan gatntgcgt gaccgccnta gnanggggn      420
ngnnnnctaa acagcgtngt angtaanata gngggggggg gcagnaatac ncggaggaag      480
gngnagggng agcngganc gggggngngg cggcagaacc tcgngcggnc ngnnnncgna      540
gnnagcnggn cctcgagtgt naggggnang gggcggggn anaggggcca ncaagggggc      600
annnggaagn cgnncanggg nngnnctngg cggnggaacc cngggggcg gtggngggaa      660
naannaaatg ngngaagcc cgaggnggt gnntaannga acngggggnn ggggggacga      720
nnacgggggg gganggggcn catagggagc acggtacagg gagnancgn tcaagnnag      780
ngnngtngng cggcgggagn agcagggng gaggcncng ggcggnggan agaccncng      840
gaccgaagac cgggggaagg ggcannaagg gngngnang ganataggc nancgancca      900
cnggggaccc cagnggggag annacagagg tagnacgnta ngggggngca acggagcanc      960
tnaggagccc cnaggncggc gcagggtgtc angggaggnc ncaacgtng agcnggggna      1020
cgngggggng gnnngnnan ngtgnnnaac gngngggnag gaggacggg gggncggttn      1080
nangngncna cagaggcagg gngngaagca cnnngtacat nacggatgan ngatgggncn      1140
gaggggngng ngnggggacn nccgntgng gganacgaag gctcggaggc ncnnncacac      1200
cgggggccg

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&lt;210&gt; 2456

&lt;211&gt; 784

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (784)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2456

```

nntccttnga ccttngaag nccatgggt aggaagaact gttccacnta cacntgacnt      60
tggagtcagt taatngatnt ntttgagat nggcctttca acagttttca tatttgaaga      120
attanaaatg aagtcggtc anattntcca aagaacctcc agccactggn gggggacatt      180
nttaattnan attcctatca nttggtntnt cctgtccctg aaaacactga tgaggnttgg      240
gagganaatc ccacctttcc ctgcaggggg ttaggctggg cagggcaggg aggtgagggc      300

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gnctggtcca aaacactggc aagggatggg aacctaactt cttnttgtgc ttctgatttg      360
cccttgaggg tgtttttcca ggtctgacca cctggccctt gccatgaaga ggcacctctg      420
agggacagaa aaggtggatc ctgtangcta aaaggctttc aggtctganag ccgcccgtgg      480
aangagggat gctgtttcca gccaaagcat gccgttcttg cacccttacc caagttgcct      540
tccagggcct ctccttgga ngtctttttg angggctaaa aaaggctctg ttagaanccg      600
gcnatancac cccgtggtgc atgggtattg tgggtgaccc tggactcgcc actggtacc      660
ccgccnttc ngaagcggng ccctaaccct tttgncgtgg agccttcnc acttgagaaa      720
tgcttaatgg gttggggttn gaattggtat tgttgaagga atcttattac ttgacccgaa      780
tgat

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<210> 2457
<211> 1538
<212> DNA
<213> Homo sapiens

```

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<220>
<221> misc_feature
<222> (1)...(1538)
<223> n = A,T,C or G

```

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<400> 2457
ccccggcggg anngnangng cgnngnnann gngnaannnn gnaggnnnngn annnngnnag      60
aggagnnnga nngcgnngcg nnggnnnnnn ganngagggn ggaagagggn gaannannan      120
ngnnnnnnnn nnnntgtggn taaacccttg ggaaancccn nnnnnnnnna ananagagcc      180
cggagngcgn gannaganng nggggagggg gggannnnac nnantttttt tnnnngcann      240
gcnnngaggg gganangngg aggantcngg gaggggngng gngcagatgn tntgnagngg      300
gganagagga ggnnagnnga ggggaggang cngggagnaa tgaggngggg nangngnggg      360
ncnngcccg ganngggggn gggggganac gngggngann nacgnnggan ganggggcag      420
gaannggang acngacggc nnacggacgn ngaagggggg gncncgaag cacngnggg      480
agcgnncngag angngtgcgn agnggancgn ngaagagang ggacngaggg ggngaagnga      540
gggggngnnn nnnagnnggg ganaggacan ngacnnaggg agggnggatn atnacgnnnn      600
agcgcanaga cgaangana cgcgngggna naggangcnc ngngaggggg ngnggnaaan      660
ngacgnana cgggacgggn nccgnagngn gngaganngn aggnnggagg aaaggganng      720
ggcgggggag gggaaagggg gggnganggg gnanngnaaa gggggagggg ggggngannng      780
ggangggnaa nggnangaaa gnagcnaggg gagggnaana angggancaa gggcnnaggg      840
aangganggn gaanngtng gnacngnga ancaagagcn annngaggg acaagccacg      900
ggaagaggaa nggncgggaa gngnggggcn nanggnaagn gtnggcgann nnancngagg      960
caggggtcgc gnnngngngn gngacggggt nngaagnaga cggngganac gngggnacgn      1020
tganggnaan ggtacgggng ancggaggcg agngnagggg angcnaggga ngggngacgn      1080
nangagancg ctcgatcngt gaanggcngg gaagagnggg gcgggtnagg gangngang      1140
cnacgcangg ggaacggan nggnngngat agnanagggn acgcgangnn ggggcgana      1200
cggnacncgn angcgacgn gganggaagg ggggagggan gngnncngnc gggtnagccg      1260
cnnngcngna ngnnngggng nggaagcggg angcgatngg gatgggcacg tacgggaagg      1320
ggggaganac gngaangnan gngggagggn gcgggangga nggggacng aagngaagcg      1380
acggcnggga nagnctggn cgcgaagngc gggaagnggc ggatccnnga angncacggn      1440
cnnngcnnag cncgnagnac gannaaggcn gtgtgtangn ncacacggnn gncncggnc      1500
acgggaccgc naaggnaccg agggacgcga ntgnnccg      1538

```

```

<210> 2458
<211> 786
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(786)

```

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2458

cantttannc	cctttcgaag	ccnttgctga	ngancctccn	actcatatca	ttgtccctat	60
ataactgagn	gtcancagag	ntntnagggt	nggccttngg	gatnaccttc	attttccagg	120
gtctggccct	ntgcncctta	nccanagnnc	aacctnntgt	tancagctgc	tactaagtct	180
ntatgcccc	tcgttnatnc	cacaaaacag	gcntctgact	cctctggnga	ccatggaaca	240
aggcactngn	aanaggcnng	gggtccacag	gcncaggggg	cttcactctg	gaacaggata	300
nctgggggtgc	agcgggatgt	antcctcact	taatcaaccc	acaccccanc	ntccccctgag	360
ctttctctaa	atctcattct	accccatctt	gactcttcgg	ttaaaaggga	gttctcattt	420
ggagaatttg	tctctgggat	taatgaagt	tatgcctagc	tactttctcc	agttactttt	480
agaccatatt	gttgtttggg	tttgaatatc	attccttang	ctatgttgag	aagtagagt	540
gcttccatta	ggagaactaa	atthagggca	tgtcttttgc	tgaatcccgt	cagcatattt	600
aacaaaattc	ccaattctan	annaattttc	ccntttatnt	ctcttaagta	cccttttgcc	660
angggcttct	accacatcaa	aaggnggttc	atgnaagtaa	tttggccaaa	aggaaaagaa	720
cnagttaatt	gaccacctaa	caccataaat	ggaagtggat	taagttantg	gttccaaggc	780
cattgg						786

&lt;210&gt; 2459

&lt;211&gt; 746

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(746)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2459

tactcgnctg	antccgtgct	gcgcaaatct	ttgcccttct	aaagcccaaa	aattactatt	60
cgggatcata	gatngtttac	tgctgccaca	tgagntntn	cagcaagaga	ngganctgcc	120
tgacacctat	ttgtcagcaa	ttcanaaaag	tcttcctttg	tatctccagg	gcattgttat	180
cgggtgttgt	caatctcaaa	atccgaatgc	ctatttgaat	caattgctag	ggaatgttat	240
tgagcagtat	attgggcgat	ttcttcagc	ttcaccatat	gtttcagatc	ttggacaaca	300
tctgtttttg	ctggcattga	gaaacacagc	cactattcca	ccaatatcat	ctctaaagaa	360
atgcattgtg	caagtcataa	ggaaatccta	ccttgagtat	aaggggtcct	cacctctctt	420
dgcttagcat	ccattctggc	cttcactctc	caactcttca	aggaaactaa	cacagacatt	480
tatgaagtgt	aactactcct	ccctggcatt	ttaaaatgct	tggtgttagt	cagtgaacca	540
caagttaaaa	ngctggccac	agagaacctg	caatacatgg	taaaagcctg	ccaagtgggg	600
tcagaagaan	aaccttntct	cagctgactt	ctgtgtttan	gcagtttatn	caggattatn	660
gnatgaggtc	tattaccagg	gttacagcat	tttaaaaaca	gtagccacat	tggancnaca	720
ggtggnctac	cacttgattc	tancct				746

&lt;210&gt; 2460

&lt;211&gt; 781

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(781)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2460

nnnnnttgac	cttcnngctg	ncggctctac	gatggagtca	aggccagatt	gggctctatt	60
tccacaaccc	cctanggagt	tttnacnt	tgctctaagn	ggctgtttcc	tggngnancn	120



```

tagancatat ttgctgtcnc nctgggantn ccaggganaa tctnatgctt ggncagagga      180
catgatcatc tttntgtttg taacctcggg cctggaaacag tctccttttg tgttcacttg      240
attctgaaag gtcagtgttt tanaacaggc ttttcacatg gttcaccagg aggccagtta      300
gatcctgtag tggaaagggc aaactcatgg cancccttct gctttctcaa ggcaggatgc      360
ttgcaagggg cagtgaggta agaccggtgg acaccgtgga nggagaacaa aanggggagc      420
cccaggggca tctgcagcca ngtggaccgg ttcagccttc tggcacacat ctgtttggtc      480
tgggtgggan gtatgaaggc cgcanaatctg aaaaccaagt ggtgacctag ggagggaaca      540
agcgtgtgc agcattgatg aaacttaaaa gatgaagtcc tgggtccnng caccggtggc      600
tcacttctgt aattccaaca ctttggaag ncnangcang aaanatngct tcaacccccg      660
acaaaaaaa aaaacccaaa antttanccg gggccnggn gacattgtnc ctttagtctt      720
aanttactcn gggaggcttg aggttnggga aaanaathtt nanccttggg anggcaaagc      780
n                                                                    781

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<210> 2461
<211> 753
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(753)
<223> n = A,T,C or G

```

```

<400> 2461
tctctnegan ttccgtgctg tcggnctttg gttgctgttc tttcctagac ttttcagaaa      60
aaaaggaatt acctnncann gcttaaagag gtngtaaadc caanccaatc cattttcatt      120
ccanctgcnt ttcattgcttc aaagtaangg ctgttancca gaatcactng tgaagcttta      180
tcncatatan cattctgtga tcttattccc tgtaaaccce tattcantag tcggnctgtg      240
atgaaatccc aggcntcttc nttcagggtta aaaaaaatnt ntntntgtct ncntgaaatt      300
ctggtattcc ctggtgaaaa ccagtcttaa gttanaggca ttctgcagtt gtncggaag      360
taagggaaac aaagttaaaa tggaaaaaat tgaattaaga ggcagaagta atgaatttga      420
tcatttgtca ttgcnctca ttgtagacac ttatttttga tctctgtaaa catcagctta      480
ttctcaaagt atgangnctg aatacttgct tgnnggtgat catctttgtg tagaatagaa      540
aagacaaagt aggaccnggt gcagtagctc acacctgtaa taccggcnc tttcgagang      600
cccnagnggg tagaaatgct tgagcccagg aatcaagaac agccctggnc aacatggnga      660
gaccctgtct cttctggaac aaaaaaannn nnnnnnnnnn nnaaatccn ggggcccntt      720
tntcnggnnt nccccncttt aaaaaancct tgg                                                                    753

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```

<210> 2462
<211> 747
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(747)
<223> n = A,T,C or G

```

```

<400> 2462
atgtcnttcg natccgtgct gtcgtcctcc tttatgagaa aagaaataga ccctgataga      60
tgaagctata aagttctata acatntcttc attgaacgtg tgattttttt taaagtntaa      120
atagcntatt catatttttg caaatgtgct gttttcagta cncagcgttt tgagagctgt      180
gtatgttaat gcagttgact cccgaacagn gggtttgaat tgctcaggcc cacttatacc      240
tagctttttat tcaaccaaac acataatggc cagcatatat gaggagctaa cttttcatat      300
gtgtggtctc cacagggccg actgcaggac ttgagtatgc atggatttgg ttatatgtgg      360
gtggtcctag actagtctcc tatgtgtgcc aaggacagc tgtacatgtg ggcctaatec      420

```

```

tttcctttta aaaatttatt tgagatatca tcattcatat accatgcaat tcattcttcag 480
tgggttttaaa atattttacca agttgtggcc cggcatgggt gcttatgcct gtaatcccg 540
cacttttggga ngccgaggcg ggcagatcac gaagtcagga gatcgagang cgcctgtagt 600
cccagctact cnggangcta aggcaggana atggcgtgaa cctgggangt ggagcttgca 660
ntgangcgan aatgtaccac tgccttcanc tgggcgacag aacaagactc atctcaaaaa 720
aaaaaaaaat ngccagcctt gnggctt 747

```

```

<210> 2463
<211> 732
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(732)
<223> n = A,T,C or G

```

```

<400> 2463
ttntgacgcn ttcgtgctgt cggcctnadc cctntagaca ggactacaat tggcagctnc 60
cnattacctg natgtggang ganacttttt ttactntgcg tgttctggcn tnagcgtgca 120
tctggngcct tgcacntgat gtcacatnc ctnaccctnn ctngngngtc aaacaatgta 180
ctttncaggg tgnnantnnt ctccatnnct attngaagt gctngaaaaa ngcnanntg 240
actcttntga cgttggatnn aancnncnaa tnancctcg agtnnttcaa tgatanctga 300
cnaactaaat tatttcctta taaangaana tgacatgagt gntgtgtggt ttgnctanac 360
nactgcattt acagcttttt cagggntant cgnagcactg nacgttcaga tgcattccaa 420
ntggtgcatg ggtcctaata acacatataa agctggntac canctttggc ncagcactgt 480
natctggnc acaactgtg gtaannacac atgtaanat cnttttnaca gctgatactg 540
tttcagacaa acccttnatg caaaatttgg ctttagattg gcncctttttg aanatatgcn 600
acaaatatgn gatnggatgc cggangngcg ttttgtctta atgggaaant ttaantcctt 660
gtgacactta caggttcttt gagacatgac ttngnaagga tgggcctatt tctcctntga 720
atgtcatagn ag 732

```

```

<210> 2464
<211> 821
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(821)
<223> n = A,T,C or G

```

```

<400> 2464
tatnttacgc nttngtctg tcggggggat caggatactc ctgctcacag acacccatct 60
ccccctacca aaaataacgc tgggctcctc ntccaccct gactntgcct ntntgtntgc 120
aggancctgg tcggggngct ccacaaaagc tnggcctggg ctngggagcc aaggccatgt 180
ccttttcccg gccagggnan acggancccn tccacagtgt cagntatggc catgtggcgg 240
cctgccagct aatgggcccc cacacntgg ccttgagggt gggananagc cagntcctec 300
tgcaaagccc ccaggtggaa aaaatnatgc agctggtgaa tgcctacttg gccaaacctc 360
cccccgagag gccctgcaga agnttttttc ctccatgcc aagacctgcca gacacctccc 420
ntccaagcca gcgcccggcc tggacnagcc caaggacaag tctggctgnt tggggcaact 480
tgcaggactg agcctgccaa gaggtcacga ctctctctt gncttcagcc tgggccanga 540
ctgctctgag atttgangga aacatggacc ctttttggnc cttgcagggg acangggcac 600
attccaacaa ccnaaggct tacnaatngg ggtgtggggt aaatttttct aagtttggtt 660
tccttnaat ttaatttggg aagaaagaaa aaacccaaaa aaaaaaaa aagntttttt 720
tttttttnc ccccaaaaa aaaaaaaaa aaaaaaaaa attttttttg gggggccggn 780

```

tttttttttc nggggnnaaan cccccaaaac cttttaanaa t

821

<210> 2465  
 <211> 921  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(921)  
 <223> n = A,T,C or G

<400> 2465  
 ttancnaacc cttttccaag ccgggggnc gatcttaagg acagtcgctc cctgaacgcg 60  
 gagccggagg agacgaagg aaggtggntt ngacgccacc cgcgcaccgg gcaggcgcgg 120  
 agaccggcgt gggacagcca cctggngcgc agctgccaga aagaaggact ttgctgcttt 180  
 gggccaggat ctgaacttag gtgtaaacca ttgccctngg cagaaggga cctacccag 240  
 tccattgctg gcctgctaca agaatttga aacagtaatg ggcaaatat ttttgggtta 300  
 ttgaattcac tcaagtggga ctgggtggaa ttggaaatgg aaactggtat tcccattccc 360  
 ccaatcaatg aatggtanca agaaaacca aggtcttctt ttcaacttaa atngggaagt 420  
 tcttcaactt cttggttggc cccaaggcc ttgggaagtg gccaaatggg gtgccaaaat 480  
 cnttngggct tttactgggn aaccttnc accttaccat tgtttcaaag ncaaattctt 540  
 ccttggcctt caagccctcc ccgaagtagg ttngggnact tacangcacc gttgccacc 600  
 attgccaac ttaaattttt ggnatttttt aattaanaaa cnggggtttc nccatattg 660  
 gncaggcttg gtctcaact cctggacc tttatgnatc cctnccacc ttgggccttc 720  
 caanggggct ngggaattac aaggcgtaa accaaccggg tccccaaacc cctggggntt 780  
 aatggaattt cctaaaaaca cttttttaa atcaatttct taaaaaaaaa tttntnang 840  
 gnggtttggt aaaaaattt aaaagggnaa aaaaatccct cnannaaata nnttttggn 900  
 ncattcatta aaaattggcc t 921

<210> 2466  
 <211> 773  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(773)  
 <223> n = A,T,C or G

<400> 2466  
 ntactnttta ccaccctttg ctntccgttc tcatggctat ggctaaagt taagagggt 60  
 agcctccttg tacaagctca tgtaagattc ttgcttatgt ccgtgnacta ctacatctc 120  
 aattggccaa aacaatgccc aaatttgcca aagtcctagg atgggaggga ttgcaatgtt 180  
 atattgaaaa aacttgatca tagaagggg ggagattgga ccagtcattc acctcccat 240  
 atcttgccag ccattaatat gaatacatat tctatttgat attaatgtt atctcctgct 300  
 catgagacag ggcttgcctc ctgttacttc tttcctcant gtctgtctga gtgttgctg 360  
 tcctggaatt atanatatca tttgaagtat tgggtggata ataaagaatg aatgagcccg 420  
 gcatgggggt catgcctgtg atcccacact tttggaaggc caaaanggtg gattgcttta 480  
 actcaagggt tcgaaaccac tggcaanggg gtgaaacccc catcttgcaa aaaagcccat 540  
 tattaacccg acctggnggn gcatgccngg nggnccctgg ctaccncaag gaagcttta 600  
 ggtngggaan ggttcatttt tgggnccccc gggacaant gaaggcttta aaattgnaat 660  
 tcttttaanc catgncccat ttggcccttc caancntng ggtnaaaaaan gggggnggag 720  
 aactntttt tttnaaaan naaaaaaaa annnnnnnnn ttnttcnnnc gcn 773

<210> 2467

<211> 644  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(644)  
 <223> n = A,T,C or G

<400> 2467

ttactantga acnccttttc tnananacgt gactcggggt cctctagaaa anncagtggg	60
cngantnaaa ttccaaaggc annggggganc tggaggaagg ccttaaccag ggncggcggc	120
ttggtaaggt ttgtaggagg actggntgca ncaaaggcag gganaccagt gtggagtntg	180
ntcancaccc cactgggaag gtggtgatcg ccgtgggtgat nancagttnt tggtanctgc	240
ntgtgaggag ggtgacaggt caggacttta cctcaggaaa ccctgtggat ggtggagggg	300
aaaatcanct ggtttttggtc cgggttcttt tgagcanctg tgaagacctc caggacagtc	360
ccaatcctgg aatgtcttga ctaaccagat gcttanactt ggtctcttct caaccgtctt	420
gggtacaatc tgactctcca ctttcttgge ctctggctt tanttgctta ttggaatgg	480
gcattttatc agcagncgtg atggatacta tggtcangac tgtaccact ntntctctaa	540
tatcaaacia aaagtattac caggacttta tatgctactg ctgggtntat ccaccatcat	600
aagtaatgaa atnttactag attaacactg cactagaacc tttt	644

<210> 2468  
 <211> 1127  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1127)  
 <223> n = A,T,C or G

<400> 2468

ccccccccc ccnnnnnnnnn nnnnnnnngnn nnnnnnnnnnn nnnnnnnnnnn nngcgttntg	60
nctcgagcgn ggcgngcngc ntctcnnntgn nnggggggggg ggggggtttt ttntttttcc	120
cgngggngnn gngggggngg ggggggggcn cgcggggcgn ttntttnggt ggnggcgggg	180
ncgngnggcc gccgggngcn ccgccggngg tgcngngngn cgcgngcgcg gncnccgggg	240
ggngnnnnnn nngggcngng ngggnncggn gngnnnnnnn cgnnnngggg gngngngcgc	300
ggngnnccgn nncnccggnn ngncnggggn nngggnnccn nngnnggcgg ggnnnngggg	360
gggnncccnng ggggggngnn nngcnnnnnc gngggggggg gggnnnnncg cggnnccnng	420
nnggggggnc cncngnggt nnnngngngg ncngnnccgc gggggcngng ngnggncnnc	480
gngnccgggc ggccgncggc ngnnnnngnc ngccgncn ngccgtngnc ccgggngngn	540
ggnggcnccg gggggngggc cncnccnngt cncgnggggg gcngnggggg gggnnnnngc	600
nggngngccg ngnnnccggn gncgggggng gngggngcgc gccccccggg ncnggggcgg	660
gcggnccnng ggcgcgtggt gggngggcgn gngnngccgc gngnngnggg gcggggcggn	720
cnnngnggng cgcgnggntg nggcggggnc nngnngnggg cgcncngggg gggacnggnc	780
nggcngggcg gngcnggggn ncngcacngn gnggggngcn ggggggcgcn ngngggngg	840
ccgtgggccc ctncgggngc cngcngcng ngggggggcnc ccncngggnt gngggggggc	900
tgggcgggnc nnnccccggn cncgncnnng ncgcgcgcgn nggcnngng ngnggcgcgg	960
gtncgcgng gtggggngnt ngngngngcc gngggggccc gggnggcgtc gngnggngn	1020
ncngttcgcg ggggcggngg ngngcngcgg cntgggngng gggngggngc ntgcncngc	1080
ngnctggng nggggtgntg gccggcngng cgngggggcc ggtcccg	1127

<210> 2469  
 <211> 1109  
 <212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1109)

<223> n = A,T,C or G

<400> 2469

nacctatcga	cgttctcagc	ngnagccaaa	acgtcgactc	tagaggatcc	caaggntccg	60
ggtnggncct	ccccccgnt	ttttctcttt	tactgggana	catgagancn	aacangggan	120
atagggncnn	tggtgccata	gccaatngna	tncaatgtgg	gtgcccccat	cctccnngnn	180
gntagtcctn	tcnccanana	ggaacccgan	ccagcttggg	gnnanntttt	ggctctccta	240
cacgctngtc	gtnnntttta	ncctcngngc	ntgaaggga	agtantgatg	gangaactng	300
tgngcatgat	aacaaaagntg	cangaaaaat	catnngccnt	actgtccnct	tgantgtaac	360
aancntcntt	nttacctgtc	nanantncac	ccnggaatgg	ncntngnccc	tntgcgtant	420
gtgggnnnan	ttncaaaacc	ccngntncnt	ancttactnn	cantantngc	cccacctgga	480
tnnngcatag	ggtttggnng	aagacctnna	ccnnataatt	gtnnacnact	gnaaaaantg	540
gtgaccantc	gntccctnggc	cnnaccctaa	ctaanacntc	tactatnctt	cgnanaaaaa	600
nnctntcttt	tntattangn	nttntagatn	ntatgaacct	ncncccttgg	ntagnctntn	660
acntaaataa	ntntattgtg	ccangcncn	tncnngtgna	angccantna	nantanaaaa	720
ccantgtctn	aantcagaga	cacnattttg	ngcccnngc	tgaagnaaan	aanncttnat	780
tngntttcac	nnggatanta	gttnttttta	taataanacc	ncnagaanct	tntntgccta	840
atttaacntn	tactntnana	taaangnnnt	acaccgntat	nancttgnga	natataaaan	900
nacaancnnt	ggnatntatn	ctnancnccc	tagctcataa	aacnctannt	ancgntgngg	960
atnatantan	aacnngnggc	tctcncnta	nattggaaaa	accantggtn	angcttttgg	1020
aantcttatt	tatagttnncg	tacgnanatg	tntaccnnat	gncncttnnc	naaaaanaact	1080
atagtnnctt	cntcttnntn	ganatnang				1109

<210> 2470

<211> 782

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(782)

<223> n = A,T,C or G

<400> 2470

tattttaacn	cctttcgant	tcggttgetg	tcggataggg	caatccaaga	gacatagtec	60
taaccccaga	gtagcatgta	atcccttctt	agcatccctc	tttgaaaact	gaagatagta	120
cagctgaggg	aactgaacag	gttcccagga	tcatagagaa	tcattaaagct	gaagcaaaca	180
aacaaacaaa	caaaaggcaa	actagaagaa	aagcaggatt	caatgggttc	tgacaccttc	240
tagtctatca	ttgctttgta	aacattctcc	ggtttttacat	tactacagaa	tatgggtccag	300
atataaagtt	ctactgtgtc	ataagacagc	tgattttcag	aattcgtgac	tgacagaaaa	360
aacaattttg	gatttaactg	gatacagtaa	tctgaggaca	actgcagttg	tcaacctttt	420
cttcctttca	ttcaatgata	aaagatncaa	aaagtgcacc	agatgtttct	agctattttgt	480
ggaatgaagg	acataataat	aatttttttt	ttttttaaat	anacagattn	tcactnttgt	540
cncccaggct	ggactgcagn	ggcacaatct	tggtcactg	naacactntt	gccttccagg	600
ttcaanaaaa	ttnttngncc	ttancctncc	cgagccagct	nggggagtac	anacccttgg	660
nccccatac	ccgggttaa	ttttttgggg	ccnaaaatac	ccncattngg	ccngggccac	720
cttttttatt	aanaaaanat	tggggggcaa	cctnttgctt	taaggacctc	ttgggatttt	780
tn						782

<210> 2471

<211> 748

<212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1) ... (748)  
 <223> n = A,T,C or G

<400> 2471  
 ntnnnnttacc ancgntcgan tccggttgctg tcgataactt tttactcata tcattgtccc 60  
 tatattagta ttaagagcat tttgtataaa acttcatgtg aggatctcaa ttctttataa 120  
 ttctcttcaa agcaaggaag tatatataga gagaccttta ttttttagta attttttcaa 180  
 atgggtttggg agatcttatt ctgacccaat tctattctgg cacttaatta ttttctggtg 240  
 gcttgtaata tggtaaatac tggattccag attgcattcc tatttccttg ggaggtgagg 300  
 atactcccat ttgtacaaga acttaaaaca gcccataatt attggtttac ttgatctga 360  
 taagttttga ttgtggtgat gtctcttaat accgaatggg gctacaattt taggtctgtg 420  
 aaattataaa tatcagcatt ctgactaagt atccagaggg agatgaactt ttaggatcat 480  
 aattttcctg tgctatatgg attttaattt ttccctagtc ttcactttct gttagtaaat 540  
 tttatagccc ttggaagag ctttatttga gaggtctgtg cttatgttga aactgtcttc 600  
 atcgtgcaaa tatgaccng tttctgtgg agtcttcata ggtgactatg acaagtacct 660  
 ttncatcaa ncaccttctc aatgnccgaa naactgtage atcagcttat gtggttgcta 720  
 cccctggnc ttaattcca tatttccg 748

<210> 2472  
 <211> 748  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1) ... (748)  
 <223> n = A,T,C or G

<400> 2472  
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 tgacatgcaa aaccagtctg tntgccccnn nagatgcatg ttctttacca tcacgtagggt 120  
 caggccagga tgtcaaggag agcaaccccc aactagtcct ggtgatttag actagagcgt 180  
 ctttactgct tgtgattcct tcattggcac tttcttccag ttgtacaagt gtctgtcttt 240  
 gcttggtctt tgcttgttct acccttagtt tagcagatat ccctctctcc atgaacaagg 300  
 tgagtgaagt ctttttctga gtacatttgg tttttcaaaa tccctccaag gaatcatttc 360  
 cttgaacaaa tgcctcatc tgtggtggcg atcaacatct ttgattttac cttttttttt 420  
 ttttttaaan ttgaaacaaa ntctcccttt ntttttnagg ctggagtga gnggggcaat 480  
 nttggctcan tgnacctcn cctccagggt taaagnaatt ttctgcctc ancctcccta 540  
 aaagcnggga ctacaggngc ctgccccac acccagctaa tttttgttt tttaaaaaan 600  
 aaaaaagngg gtttcccat tgtaaccag gntgggttaa tcnctgacc tngggatntg 660  
 cccctctgn cncctaaaag ggctgggatn anagngggg gccaccatgc ccggncaatt 720  
 tnccttttt ttaanggccg gncngct 748

<210> 2473  
 <211> 1198  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1) ... (1198)

<223> n = A,T,C or G

<400> 2473

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gggaggngan	nnngcancgc	ggngntggtn	agangatggt	annnnnnna	ngcaannnct	180
nnnnnnnnnn	nnntagannt	tngccctttg	gngaaagncg	nnncaacnta	ggagnaannng	240
nacannngacc	ccgntggang	gctncgggng	acgnaggggn	gctttttttt	tttttctncg	300
gagnanccnc	ngggggggnt	ggagcagngn	nangnnctcg	nnagnttgga	tnngannnnng	360
gngngngacc	ggangggtna	ggngntgna	nncgntgann	tgtgnnnctn	acaagggagn	420
ngagnanagg	nngngnncac	gacacnnnnn	ngngagnnnn	ggnnnnnnang	nganangcng	480
gncgcgggga	ccnngnngag	ncngcngagn	ngatagaaga	ntgcngnnaa	gnnttggnng	540
ccgngngggn	acgcgngggg	naaggcgngg	gnggngcgcg	nnntgtgggg	agtagnaanc	600
cgagatnnng	ncgacngcna	ncncnannng	aatgngcagn	gnggtgggna	ggcgagtgc	660
ggcnncggan	nnnacggggn	nnnggngcac	gccacgacga	gannatngcc	angncgaaca	720
ggaactngtn	nanmncngng	acgnngaagc	gnnagtagan	ngngnggggn	natnnggnnt	780
gnnnagnnng	gaggngcgcn	gtggcangat	ngnnacngnc	gnacncggga	tggggntgt	840
gtggncctcg	aagancgcga	gngngnggtn	agnnganntn	gacgcngnga	gnngcnntnn	900
cggagnangn	gcagcncgga	cnnccncgcn	aggacnntng	atcgntcncn	ngngngaang	960
cgnngaaggc	ncncgantnt	ganaggcgan	angnncngga	tggnnnnnaa	ccgtgccggn	1020
nggggnaggga	ngnnagtagn	gacgnnaaag	gaangngag	ganannacga	gagcgaatgn	1080
gaatgnnctg	gtngatgagg	ggnagggagn	gnannngngg	acgagtgnnt	tggngacgcg	1140
caagctgnnn	gacnncagag	ggganngntn	gggccaatnc	gcnngcagc	gtgangcc	1198

<210> 2474

<211> 767

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (767)

<223> n = A,T,C or G

<400> 2474

ttctgaccct	ttgcgaagcc	gntgctgtcg	aaagaccaca	agtttcagag	catggagaca	60
ttcctgctga	atcgccctct	cacctcctnn	gcaattgctc	attctagggt	tgggcatcat	120
agttggtcag	tcttaattcc	catgcccagg	gacaaacagg	tgtgacattt	ggatagatga	180
atactgggat	tggctctgga	gcattgtgtt	tgagttgaac	cttgacgtcc	tttctctacg	240
cccgtggatt	ttgtggaac	actttgcaat	ctctttgctt	ttttttttta	ccagaactag	300
ttacattgga	atgcttactg	tcctacanag	tggcagcaaa	taaaaccttg	cnttccatca	360
agccaaaana	gcacactctg	ttagaggana	tacatgttta	agatagaatt	gnggggaagg	420
acaaaaacag	aaaaatgttt	ggcttttaan	ccattgggta	gtattgtttt	gatgatctta	480
naggagggaa	naanaaaaga	aaagacccaa	tgntagaacc	agaatcaggg	agatgactga	540
cctactgaaa	aacaggtccc	ttgtntttan	gatctttaan	gggtataaaa	agcaaacatg	600
acttttgcnc	ctaanaaaaa	ttctgcattt	ctcatagttg	gggcccaatt	aacaaaaaaa	660
gttgtttttt	aaaaaaaaat	actgggtccc	ttctaaacca	tgattttttg	ggggaaacta	720
atttttttcc	ccnttttgcc	aaaaaccagt	cctttccaaa	attanct		767

<210> 2475

<211> 1000

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

&lt;222&gt; (1)...(1000)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2475

ngnnnnnggn	gngggggnnn	nnngnnnnnn	ngngggnggn	nnnnnnngng	gngggggngg	60
ngnnnnnggn	gnnngnnngg	gnnnnnggng	ngnnngnnng	nnngnnnnnn	nnnnnnnnnn	120
nnnnnnnatn	ttnnngcnct	tgggaagncg	nggggnnnnn	nnngnggggn	ggngngnnt	180
nggnnnnggg	gggggggggg	ggctgtttgn	ntgttttct	cnnnnnngng	gnggggggga	240
gggngcnngc	ngngtnncnn	nttcncnggn	gtcggggggc	cgngnggggn	nggggngggg	300
ggngggggng	ggggggggng	ggggggcagn	ggggngggcg	ngngnnnggn	nnngnanggg	360
gggggngggg	ggngngggng	gggnnnngng	ggggggggag	gnnnnngngn	ggnggggggn	420
ggggggngcn	ngnggggggg	nggggggggn	ggngngggag	gcnggggggn	cgngggnggn	480
naggngcng	ggggnnggg	ggnggcngng	ggngngnggg	gngggggngg	ngngggnggg	540
ngggnggggg	ngnnngngng	ncngngggg	ngngngngng	ngggngnnng	ggngggngag	600
gangggnggn	ggngnnngng	ggngnnnggg	gngggggggg	ggggggagng	naggnggggn	660
ggngngnggc	gangggnggg	ggggngngc	cggggggggg	ggggggngnn	cngngngngn	720
cggngggggg	ganggggggg	ggngngngng	ggggggnccg	gngaggnggg	gggagngngg	780
ncccgngggg	gggggggggn	aggggcnggg	ggnggggggn	cnncgggcgg	nccccggggg	840
nnnnnnnggg	ggngggngng	gcgggggggn	ncnggggnnn	gggggggggg	gngcgggggg	900
ggggggccgg	ggngggngng	ngggcnggag	nnntnnnggg	ngcnnngggg	gngngcgggg	960
nganancggg	gngggnnngg	ggnggcgcgt	ggngnnngc			1000

&lt;210&gt; 2476

&lt;211&gt; 882

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(882)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2476

ttatnttaac	cccttttcga	attccgttgc	tgctgaaaga	atccacactg	cccaggctcg	60
ggagcagtg	tggccagcag	ccctcagggg	tgannagagg	tgtaagagg	tatgaacagg	120
agcatgctgc	tatccaggat	aagctcttcc	aggtggcaaa	gagggaaaga	gaggctgcc	180
ccaagcactc	caaggcatcc	ctgcccacgg	gcgaaggcag	catcagccat	gaggagcaga	240
agtcagtcg	gctggccagg	gagctggaga	gcagagaggc	agagctaaga	cgccgtgaca	300
ccttctacaa	ggagcagctg	gagcgattg	agaggaagaa	tgctgagatg	tataaactgt	360
cttcagagca	attccatgag	gcagcctcaa	agatggagag	cacaataaag	ccccgcaggg	420
tggagcccg	ctgctcangg	ttgcaggccc	agattctcca	cttgctaccc	gagatcgccc	480
cgcataagtg	gcttgcttgt	gctcggacct	tggtcaange	attaccaacc	cttgctgaa	540
gcgcccgcgc	cacaaagggc	ttgaagggaac	caaaacattc	aatttccctt	gcccttgccc	600
aatggacttt	gggaancccc	ttgaaanaaa	gggganccaa	ttcattgggg	aanccacaaa	660
cccacttgtg	gcccttgnc	ccgntttttc	cttgcttngg	ggccccctt	gccattattg	720
cccccccttg	aaaccccttg	ggggccttgn	cccaccgttn	nttttaangg	aaaaacaaaa	780
aagtttttgc	cnccttacct	tgttcttggn	aaaaacccaa	anttnaaagn	cccnattgn	840
ccccttttgg	ntttttcnaa	aaaaaaaaaa	aaaaaaaaaa	at		882

&lt;210&gt; 2477

&lt;211&gt; 769

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature



&lt;222&gt; (1) ... (769)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2477

ttacttttaa	accctttcga	ntccgttget	gtcggaaactg	tttatcttat	cctcctcagt	60
gatacatcat	gaagtttgt	gctttgccta	aaatgccag	ttacctgaaa	ttgtataaat	120
tcttgccaaa	agtgtttgaa	cttaatacaa	acttcccatc	tcttacctct	tagcactgtg	180
ctcatcttga	ggggacatag	tcccaatttt	gtattttata	taatactgtt	agtgaatatg	240
tgtagacttc	atatggttgt	gggtaagaga	atactgcatt	cagatagaaa	agatgctata	300
tagctaagtt	gatccaggat	ccttgggcta	cctgctaggc	agcttgtggt	gaacaatcat	360
aatctctaaa	aaataccttg	tctggaccgg	gcgccggtgg	ctcacacctg	taatcccagc	420
actttggcag	gctgangcgg	gccggatcat	ttgaggtcag	gagtttgaaa	ccagcctggc	480
caacgtggtg	aagccctgtc	tctgctgggg	atacaaaaat	tanccaggca	tgggtggcaca	540
tggctgtggt	cccancttct	tggggangct	gangcangaa	aatcctttga	actgaaantc	600
aaggcggagg	tcgcggtaag	cccaaaatcc	accatttgca	ctgcancctg	ggtgaaaaaa	660
aacaagcctn	cctntcaaaa	attaattaat	taattaattt	tttnnnaaaa	aannnnnnnn	720
nnnnnnnnnn	nnnnnnnnnn	nnnnnaaaaat	tttnccggcc	cctttttcn		769

&lt;210&gt; 2478

&lt;211&gt; 780

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (780)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2478

cttacttttna	ancccttttc	gaatccttgc	tgtcggcagt	agggggagtg	gggaagggac	60
ttctgcatca	gggcatagca	tatgtttctg	agatnactgg	aagaagctag	cagtgccagg	120
agcctaaagc	cagctcactg	tttggtcgtc	cagtggagca	ggtacagctc	acagtcctta	180
agccagggaa	acctggctga	cttccactaa	agtcaagcaa	gcctggctcg	cctcgattag	240
ccaaggtgtg	gactcttcct	ccaaagccca	cctcagccca	cctctgccag	ggcagagaag	300
ccaaaatggt	cacattgcag	ccaaaatggt	cacacccttt	tgtctcagan	cagaatactg	360
cctctcagtc	ttccagggtc	ttgaggataa	ctgggggctt	catttaagtg	catattctga	420
ttctgtangt	gggggtggga	actagattca	gcatttcttt	cttttctttc	tttctttttt	480
tttttttttt	gaaanagggt	nnaanttttt	cncccagggt	ggagnggagg	ggcccaattt	540
tannttnaaa	naaaccttcn	ccttttnngg	ttnaaaaaaa	ttnttcccc	ccanccttcc	600
caataatttt	gggnaaaaan	gggtttnccc	cccccttcc	ccancnga	tttnggnntt	660
tttggggaaa	aaacnggggt	tttncccat	ttnaccaagg	gtngtttnaa	aactctgggc	720
ccnaaaaana	ttngcttcct	tnggccttcc	aaaaaagcng	ggattanccg	ggngaatnn	780

&lt;210&gt; 2479

&lt;211&gt; 1218

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (1218)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2479

nnnnngngnn	nnngnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnngggnn	60
nnngnnnnnn	nnngggnngg	nnnnnnnnnn	gnnnnnngnn	nnnnngnnnn	nnnnnnnnnn	120

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nnnnnnnnnn nnnnnnnna gntggntttn tnggcncntc gggaaanccc nngnngnnng 180
gnnnngnang nnnntttnn gnccttnttg ngnggggggg ggnggggggg gnggtttttt 240
tttttttttt tttngnnnnn ngnnncnnnn nggggggngg gtggggggcg ncnnnnnggg 300
nngtgtgttg ccnngggncn ncnnngnnnn nnnnggngn gnannnnngn ntgnngnggn 360
gnngggngnn ngggncnngg gggnnngggg nngggnnnnn ngggnnnnnn nnnnggngng 420
ggggnggggn gcnggggggn nnnnnnggn nnnngnnnn nnnngggggg gnggngggng 480
ggggngnnnn ngggngggng gnnngnnncn gnnnnngncn nnnnnngggg ggnncnncgn 540
ngntnnnggg gnnngnnnnn ngngnnngg nngggngggg gggggnnnnn gnnngggnnn 600
nnnnngnnnn nggggnggg nggggggng ggngnaannn nnnngggnnn cngggngggg 660
gnngnggggn nggnnggng gngggcgng ngannngggc cnnnnnggg nngnnnnnnn 720
ncnggggggg gggcngggng ggggggggn nnnnggggn nnnnnngnn nggnngnnng 780
nnggnnnnnn nnnngggggn nnnngganng gggggggcnn gggggggggg nngnnngggg 840
ggnnnnnnng ggggnnnnn nggnngnnnn ngggngnnnn nnnngngnnn gngggngnnn 900
ggnnnnnnng gggggggggg gggggnnnn nnnnnnggn ggggnnnngg gggggggggn 960
nnnnnnngng ngnnnnnnng gggngngggg ggggggggn nngggggnnn gnnngggggg 1020
gggggggggn nnnnnnnnn gnnnggngn nggnngngng nngnnngnn nnnngnnngn 1080
gnngnnnnng ggggggggnn nnnnggggg ggnngngggg ggggggggn ngggggggng 1140
gnnnnnnnnn nnggngnnnn nnnnnnnnn nnnnggngng gggggcnnng nngggggggn 1200
nnnnngggng gggggcg 1218

```

&lt;210&gt; 2480

&lt;211&gt; 1186

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1186)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2480

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cccntnnntn nnnnnnnnn ntannnnnnnt nnnnnntann nnannnnnnnn nnnnnnnnnn 60
ngntnnnnnn nnnnnnnnn ganntatcga ntannnnnn nnnncannnn gtannnnnnn 120
tnntnnnnnn nnnnnnnnn nnnnnanaaa accttcgacc nttctcagcg gngacgaaa 180
cagtatatgt aggtagaaaa agaaaaagaa gggtaggtc ttnagcncng gtggacnggg 240
gannttaaan gcttaggggg atanggaata ggattannan gggagaccca aggggccagg 300
aanggtagga aaagctacca agnnttggt atcctaggaa ngaaanaaaa ggnntttnaa 360
ggaggatgtg atggngctgg gcnaaaggtn gttggnccag ncaantaant tgaagattga 420
gaaatgatcc nttgggtgta gtggatgaag gcaatagtng aactttggga ntaaaacctg 480
ttttcaagt gaggtaatg ggganggaaa tgcctgttg gggaantgag nttcaaggta 540
accaaccnga nggaggagaa aacttggang aatagccaag atggtangaa ttaagaantt 600
cccnaaggg ngttttttng nttggtccaa aggnnaaaag gaatngaatt tggaaagaaat 660
ggggaaacnt ccgaaaggg gnggaggagg naaaatntga ggaatttttt ttaaaaaaaa 720
aataaattan atttanagnt ttggggggag naaaaaggg ggcaatttgg gttggggaan 780
ttctttaatt tggggcgatn ccaccttcca ccacnaagg aaaggggaaa aaaaatgggg 840
gattgggatn ggaatttcca aagggaacaa agttggggaa angnaagnaa cacgcaagca 900
aggtngngtc nggggnttca aggatnngc cttaagccc tncttaaaaa aataggaaaa 960
ttgggtntta aaaaaattan caaggtggg gaactttcan ngnccttgg caaanctggg 1020
gnncnatggg tgcccntttt accttggga acccccttt cccattntt ttgggcccgg 1080
tatatgnttt tttagacctt aaaccaagaa tngggggnga ccanttttt nttggagaaa 1140
aatgggnaa aaaaaagnan gggcncccc tanaatttcc aaaann 1186

```

&lt;210&gt; 2481

&lt;211&gt; 1101

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1101)  
 <223> n = A,T,C or G

<400> 2481  
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 aaactaactt cteccctttt tggntcacc ccccccntaa aagggncana aagagagatt 120  
 ggngngggta nngggatttn tttttntat tnaaccnttt ntnttgggnc naaggggcca 180  
 nagcccncc aaaaaaganna nggggggggg ggaaaaangn gngnggtgaa aagcgnttct 240  
 catnaggcc aatcgngggg ggnannanag tntcaccccc acctgtgggt nctntcttnn 300  
 gggncaanag ggngnccctt anaaannntt ataantntt tttacacttc ccccntttcc 360  
 ccttttnggc ctaaatggaa ngaanggaca tcatnaangg ccnngaaagn ggggnacca 420  
 nggnggncnt tcctggctnn nccttanttg gggngaaggg ntcccttagg ncaccaagac 480  
 tcaaccttnn tttctngcac cnccttttt nccttttgaa anannananc aacntnctgn 540  
 aacaaaatcn actgcttggg nctgcttttg anggngtaa tnatcttta nccnaantc 600  
 tggaanttg ncaattctat tttttaaaaa cctctaaann anggggnananc aanccttggg 660  
 nntnanaatt gatanacntn ngnttcnct nanggtacat ggttggntnc aagaacccta 720  
 tttntaccn tatgnaana angctntga tttntngca aannnaaaaa ataccctttt 780  
 tngnggaana ntaaaggaaa ggaggcttag nngtnccan tgccctctt tggccctna 840  
 acaggatngt cncanagg gggcccccatt tntggcctt tccttgnccc cctnccctg 900  
 gntnacctn gnttngatng cacttcttcc ttttccctg nnaanaacccc tgggttttnc 960  
 cnaagtntt ncttcttggg ncccccttct aaaaantcct ntggaaaaat ccnnccttnn 1020  
 cncanctc tntgggttcg naacacttg gnacccaatt gggcccaatn ctctnggctg 1080  
 gntnctnta ccccnancc n 1101

<210> 2482  
 <211> 1093  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1093)  
 <223> n = A,T,C or G

<400> 2482  
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 cttgtntctt agtattgaaa actttngtgg tntttttann aancctnnga ccngttttta 120  
 gagaantcag tacccttng tcccccctt tggantccta aaaaaaaang tcaagtntc 180  
 atgnccaggc ccgaatagtt caggcctggt aaccttance ctttggggng gccaaaggcag 240  
 aacagaatga acctcgtgga attgggcca cctcancct cccaaaagtn gctgggtatt 300  
 tancaagaat ggtggaagcc ccccgccacc cccaagccct ggaagttttc ctcttttcc 360  
 tcttcttttt tttaaacctt ttaanttttt ttttgaaaa aaaaccccc gggttaaggaa 420  
 ctttttgggt tgggggggga agccattttt ttttgggttt ggaatnaaat ttttttaacc 480  
 tgggaatcct naaaaaagcc ctggaagtgg gaattttttt ttttaaaaa aagnaataat 540  
 tttggnaaat ttttggggc ctttttccct ttcaacccca aggttaaaat taatngggtc 600  
 cttccccctt tggccntttt ccttttttgg aatgggtngg aataaagggt ttttttgaa 660  
 aaaaatnggg ggggtgggaa aaaaaaatc nttaaaatta aggaatttcc ttgggtgggg 720  
 ggtttgggaa aatttttggg ccttgggggg gtttgggtt taattggaaa agnttcccc 780  
 aacccccctt gggtnggggg gccccccaa attaaaccn tttaaacctt ggggttgggg 840  
 gtnaagggga aggtttgggt ttttggaagn ccttantttt cntnggggaa gaaatttant 900  
 tttnggggtt aaaaagggtan ttncctttaa aaagnccct ttaaaaancc catggttntt 960  
 gtggccccct tggttttgga acccagttaa agnccccct tnttttggcc atttggaag 1020  
 acnntttgaa agaaaataat ccagcccttg cntnaaactt atgggtggaa agtnttccct 1080  
 cncaattttt ntt 1093

<210> 2483  
 <211> 894  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)... (894)  
 <223> n = A,T,C or G

<400> 2483

ttnnctaagc	cctttgggnt	gccccaggt	ctattagaaa	taagacaaaa	acttttgcnt	60
cnaanaacct	ccnaancntn	tnngganntnt	tntttngann	ggggccaacc	aaantncccc	120
aaccttngn	cncccnanc	cnagggcttt	nannnangcc	nngccanant	gggcntngca	180
ngaaaacactt	nnngccttt	nggaaagggt	cccnttnntn	taaaannctn	aatngccnat	240
gccnngaata	aaganggtgt	ncctntngca	aangaatatc	ccaagtgcta	aggtccaacc	300
caaaaaggcc	tnghaagang	ggantcaagt	gtnggtnacc	aagccaaagg	atngaangga	360
anggccagtg	atttgaccaa	tggggcaaag	aatgaagggt	acccaagctt	gtgaagggtc	420
cnatttgnta	acctgatgaa	attggatttt	tctnaaanaa	aatgggggac	caagtataac	480
tgtngctatt	tgancctctg	aaatgtggct	tgttccgaat	ttgagatttn	cttnaattcc	540
aaaaattcac	ccctggattt	ttaaaagaat	tttaaataag	ggaaaggctt	gggcccccg	600
tgggcttcac	cgttcttggt	aaattcccca	ancanctttt	tgggggaang	gnccaaaaaa	660
ccngggttng	ggaattcccc	caaagggtcc	aagggganaa	atccaaatta	ccccanttnc	720
cttgggcctt	naaacaatct	tctttacctt	taaaaaaaat	ttccccaaaa	aaaaaaaatt	780
ttaaaccctt	ggggccctt	tgggtttggg	cccnggggtt	gcccccttnt	taaatnccc	840
cccaancntt	accttttgn	ggaaaggcct	tttnaanggc	ccngggaaaa	aaaa	894

<210> 2484  
 <211> 935  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)... (935)  
 <223> n = A,T,C or G

<400> 2484

ccccccnncn	nnnnnnnnnn	nnnnnnnnnn	naanngnncn	nannnnntnc	ncnnncaacn	60
naccanannn	cnnnnnnanc	nnnnnancn	nnnnnnanan	nnnnnnnnnn	nnnnnnnnnn	120
tatnggaacc	cctagcgcaa	acatgganan	ccctaactcn	ntcaacctgg	gacggcaaag	180
gggaggggan	ggaanctaac	caaagggtaa	tggactttag	aatcnacata	tanccaacaa	240
anccccgcaa	ncctttgggc	cannancann	ctatttgggg	gagcagctgg	gggctggtac	300
cataaaanag	aagagccncc	cnaaaattnt	aaggcctttt	atccctggct	tctaaccnna	360
aaaaanncag	ggagaagtca	angaagctag	ggttcaaggn	tgcccccccc	tcnaaaagg	420
ntttgggcca	agcggcnctaa	aacaagtgtt	ccaacaactg	ggaaacaaaa	ctgnttaagc	480
ccccaccccn	aacttggttc	actgggggga	cttttgctaa	ccgntcctg	gggggngacc	540
cttttcccg	ggattttccn	ttggtcttta	tcaaancaag	aanttaaacc	accatggcct	600
aaaaccgnnc	ttncattttg	acttctctac	tccggnggtc	tcagacaagt	gtcttcccag	660
aaaaaccacc	accctctacc	caaagatgaa	acatgctcat	gncatttttc	tcatggncac	720
atttaaacag	ttttgacatg	ttatacttgg	cgcatagaat	ccaacgtttc	ttggggaacc	780
tgacctttng	agtgtttaan	aaagccggaa	gnggggggtt	cccctgaacc	aacagaattt	840
cacctggggt	cngggctccc	ggngnttaaa	cactgggana	caatctttga	tgngccgaaa	900
gnngagtcaa	tctttcngaa	cncanttttg	gaccg			935

<210> 2485

<211> 914  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(914)  
 <223> n = A,T,C or G

<400> 2485

ttatcttacg	ctntngtgat	gccggncctg	tcgcttgacg	cttggcctgg	ctttttttgt	60
ganatatgng	nnactttcnt	tctttattan	gnccctaacc	nccccctccc	nnccnaana	120
anggccattn	netnccnnn	gggnnttnc	ctaaaaana	aattanaang	gatngnaang	180
aaanaaaagg	anaaaccagn	atttaanggn	ggtnggctta	acttggggcc	ncctaaccce	240
cctgnttcaa	ttnagggctn	gaacaaanct	gaagcccctt	tgaaaagcca	aggcttggcc	300
aggancaggg	gtggggggcc	naattacaac	tttccccatn	aaaaccat	ttnttgaaa	360
gnaaattgtc	ccaaaantng	cagttatttt	tcttttgcca	agggaggggg	gaattcctgg	420
nangatgggg	tttcaatgtt	ctnttgatt	cccccanttn	ccttttttgg	ggaanggctt	480
gaangntngg	ggaaggggaa	ttttgccttt	ggaagcccc	cngngaaagt	ttccntang	540
aaccceangc	ccccttgggn	ccaaacnaat	tgggncggaa	gaacccccca	ttctttctta	600
ccaagnaaaa	ttttaaaaaa	atntanntnc	atctntnttt	ntttttcttt	gggggncccc	660
ntttttttta	cntttaaatn	cccnaacntt	tnttaaaaaa	anccttttgt	ttanattttt	720
ggacnaaaac	cccnaatntt	ttaatttttt	nnntnnntna	ctnctaataa	ttntnttttt	780
ctcctatatt	cntntctcnt	tntttantct	ntttttntta	ctntttcnnt	ctttattttt	840
ctacncttcn	ntttntcttn	tntctctnnt	anttnnacgn	acctactnct	cttttttttn	900
nctttnttca	nnnn					914

<210> 2486  
 <211> 1288  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1288)  
 <223> n = A,T,C or G

<400> 2486

nnnnnnnnnn	nnnnnnnnnn	ngnnnnngng	nnngnnnnnn	nnnnnnnnnn	nnnnnnnnnn	60
nnnnnnnnnn	nnnnnnnnnn	nnacggacnc	ntagggccct	tcnccaaann	nnccnaaann	120
agcnnccnnc	nanccnccgg	nccngggccc	ncctagcagg	aacnccggng	ggngggcngg	180
aanttttttt	tnggtntccg	ggggaancng	ggcaggnaga	gncccatggg	cnccccggca	240
ccnccnaggg	cgnggggncg	gnnggcggga	ncccnancan	tcnnaagggg	ccgcancncn	300
aanaccgggg	cnngggaccn	ggcccggggg	gggnngggaa	gggccacccc	ngcagaaaaa	360
naagggaagg	cncccccggg	cacccctccc	naaaacantn	aaaagggncc	tggggnaaaa	420
ggccccanaa	annnnaanac	caannngcng	ggaannaaac	ccnanaccag	gaanatnnnn	480
canggcctgg	gagggggggg	ggaggaggaa	aggggggaaa	aaggggnggg	ggaannaggg	540
ggnnnnccca	anccccang	nnaccanggg	gggggaggga	annccccag	gggnaccggg	600
nnantnnggg	gagnnanaaa	nagggaaacna	aaaatnnggg	gnngggcccg	gggaangggc	660
cggggggggg	ggncccaang	gccccgggga	aaatcccccc	aaaccacnt	tttngggggg	720
gggagggggc	ctggaagggg	nccanggggc	cccccccaag	gncccaaaagn	ggaannccac	780
ctntggggagg	ggggccccng	gggggggggt	tnccggaggg	gacccccggg	ccccnggggg	840
ggccccaaan	caangggggg	gggggaaaaa	acccccccna	aaccccnctt	gccnctaaaa	900
anaaaaaggn	angtnagaaa	aaaaanncna	agnccccnng	ggnggggnng	ggggnnnggg	960
ggngggccaaa	aaaaccccc	nanannaaan	nccccccagg	ncnnnccctt	ngggggggga	1020
agggggggccc	gaagggggcc	caggggggang	aaaaaanccg	gcctcngggg	nacccccng	1080

```

ggaaaaagg ggcggggaag ggggntnngg ccngggncgg aaaggccccc caaggaaaaan 1140
gggggggggc ccaccngggg ggaccctncc caaggggccc nggggggggg gggggcccag 1200
ggaggcccn nngggacccc ccccanatct gggggggnga anaagaaana aaanaaangg 1260
ggcgccccnn nnnggggggg annngcgc 1288

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<210> 2487
<211> 749
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(749)
<223> n = A,T,C or G

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<400> 2487
tttnaccctt tcatnccgt gntgctnnct ntngctcagn gctnctggna aacacntgga 60
ggagancaaa ncccgccagg cntgnngctg ntnttactgt ttctgtgggg nggggaangg 120
ggaagtnttg aaaattncca ggtgtgtntn aaactaaagg gtttnaaann actgtntctga 180
accagnncgt nttgaggtaa aaggcncagg attntncntg tggttggnaa aaatntcctg 240
tntccaaant ttgaggcagg aaatanaggt tttgctgggt ggattgtggg ganactccta 300
ganctggaac caggaaagg ggatccactg ttttgtgaaa agggcatttt cacntgaaca 360
aggttggaca gcagganccc cttagggacc cctgtgagca ggcgtcttga cttgtttttt 420
gaaaacantt aagacganca atgtgatgtg aagcattcan agtaagggtg agtggaactgg 480
attaaataga ngggcaagtt ntatcatctt tcttntgccc cgtgcctcct gtttcttcct 540
tcatttgttc attaaacaaa tgtttatttg atgggttatn aatgtgccan acttgccctag 600
gtgcatggga ccgcaacaat aaagtgagac caagaagggc ccagttctca cngngcttat 660
atctaataag acagtgaata aataaacttg ccaatcaaat ctntgncata gctntcatcc 720
tttcanacat aatttaaac atntgaaan 749

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<210> 2488
<211> 800
<212> DNA
<213> Homo sapiens

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```

<220>
<221> misc_feature
<222> (1)...(800)
<223> n = A,T,C or G

```

```

<400> 2488
nacngaccct ttgngctgt cggaataaac ttcgaagtcc tcttccttta caatatttga 60
attcatattt gtncccttctc aaaatagtgn ttcatTTTTc ctagaattac aggagggagc 120
tcttttacta atgttgtttt ggttgnccac ttggngggct antantagga ngttttctan 180
tngtaanaaa aactcttttag agacttttga ctgggtcagt ntactgaggg gtggagattt 240
gnttcatgat gaaaaagcct atagattgcc aaaaaattaa ttctccaaac cacctttcac 300
tctcagaaaa tgagacccca aaggagtntg cctntaaatc aaatttgcca accaattatg 360
tagatattac tcattctagg actaatgatg atggtaaaga agttgccagt gttatggcaa 420
tgaaaatttc agaaaggagg aggtggatga tcttctagat gtatatgaac acctgnctat 480
atctgcatgt atatgttttg acctgccagt gggttgcaat gttgatatgt gttccaagaa 540
tantnctgtc tacnaaactg gaaggcccat gtcnaaattg gtcctttatt gggnggggtt 600
tatnngcacc gtgggaacaa ttttcttanc taaacctacc aaaagggtct tctttggatg 660
gaacaatttt tantttatta ttttacctna ancctttttt nnnnnnaaaa aaannnnnn 720
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn naaaaantct tggggggggg 780
ggntttttta aaaaaaaaaa 800

```

<210> 2489  
 <211> 1043  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1043)  
 <223> n = A,T,C or G

<400> 2489

cnancnatac	cnccttttcga	nnccgagnc	ggcganaaan	ngaattggcct	ntntgttcag	60
nanggatccn	cctccngctg	nttgnttcac	gtttttgttc	ctggncacaac	gcttttccat	120
ntgtngnate	ntaatccgga	attanttggt	tttttgggt	tnnttaattt	tttgaaagg	180
agnttcctt	tgtngcccag	gctngaattg	nattngngcc	aacccaacct	cgttgaaanc	240
ttctgtctcc	aaggacaagg	gaaaatcctc	caaccttaag	cctttccacg	tancctggg	300
antaccaagg	caatgcaccc	acaaggcatt	gcaccaacc	cncccaacc	taaattttt	360
tggtattttt	tnggtaanaa	naacaagggn	gtgggcaatt	aaatnnttng	ncccaagcc	420
tttgggttnt	tttggnaaat	ggcccccttg	aagccttcaa	aaanccaaat	ttttaattt	480
tngccccctt	tngggcccc	ttccccnaa	aaaagnggcc	tttgggggga	aattaaacca	540
angggcccat	tggnaaancc	caacccaac	cggggcccca	agccccctt	tccttnaat	600
ttntgggatt	ttttttttt	nnaataaaag	gggaaaangc	cctaactctc	cntttcttt	660
cccccttcc	cccnaanntt	angggggnna	tttccntttt	ttccccctt	tcgncacaac	720
ntttggctcc	aatgttacnt	nggaatttcc	cttcaactt	tcatttaatn	gaaattccca	780
ttttgggnaa	acccaatttg	aaaaaaang	ccaaccttcc	anaaaaagcc	ttaaataaaa	840
gaaaattggt	tttggngggg	aaatatcctt	cctaaaaanc	ttattcttgg	aaatanattt	900
tcctttttaa	aatttgggga	aaacctctt	tttngggaga	ccttttgaaa	aacnttggga	960
aaaaaaaccc	ccangggaag	tttgtatttt	nggaaaaaaa	aanaanaact	tnganccttt	1020
ggtaaaaanaa	aaaccaagg	ann				1043

<210> 2490  
 <211> 1196  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1196)  
 <223> n = A,T,C or G

<400> 2490

cnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	60
nnnnnnnnnn	nnnnnnnnng	nnnnnnnnnn	aannnnnnnc	nnangcnna	cnnnnnncgan	120
ngnnngnagn	nnnnnnnnng	nnngnnnnng	nacnnnnnna	nnnnnnnnng	nnccnngng	180
nnnnnnancn	nnnnnnnnnn	nacnnnnnnn	nnnnnnnnnn	nnnnnnnnng	cnngatccggg	240
aaaacccttn	gcgcgcaagn	ccnnccggg	ggcggaagng	nagcccaacc	cgccacgcna	300
cgggggnang	ggggggccgc	ccgccccnn	ggncctgttg	acggggcccg	ccacccgggg	360
ccggggacnn	gacccggng	cannagcgga	ccannnnccg	ggccagcgaa	ngnggcnga	420
nggcaacccg	ngccagggan	ggnaccncng	gnaggnnggn	ngancanaac	gggagggng	480
gcccggggg	nnggccagga	aagcaagggc	cnngnaccna	nnggcccccn	ggaaacccng	540
ngccannaag	gcggnannga	ngnagagaan	ccnaaacccg	ccccncagca	agnnaaaaa	600
ngacngggg	accanccanc	ngccgggaca	ccggggggaa	aaacnnngga	aggagnggg	660
ggnaancggg	ccacnaangn	nccaaggcng	gggnnanaan	cgacccggcc	ccaaagggg	720
cccaaagggg	gnaccaggnc	cgnnccngng	ggccncccc	nggggncng	ggaannacca	780
ggggcccggg	ncccaanggg	ggggccgggg	cgaaccccc	ccccnagcg	gggggggggg	840
acanacngcc	ccccgggggg	ggggggccca	gggaggagan	ccccccggg	gggaannnnc	900

```

ccncaagg gggggccnan aaagggggcc ngnggggggg gcccggccgn nccaannnac 960
gcgccacca ggacnacga gggggggggc nacgccnggg gganangngg ncgnnaaacc 1020
cacggggaag cccacnngg gccngggccn gaaaaagacc cccccaanc cccnggaaag 1080
aancaggggg nnggacnaa nntnccnag ggggggggnc nccccnggn gannccaac 1140
gaaccgggcg gaaanaaaaa aggngggacg gangnanccc ccagccccc cgggcy 1196

```

&lt;210&gt; 2491

&lt;211&gt; 855

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(855)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2491

```

naaaannaag ccctttgaaa actnctgttg aaaaccacca agggtttagt ccactctgcc 60
cccaaactct gactctctg anntnncc nttcttcgg ggtgggttna ggangtgncc 120
ctggctggtt gggaggtga ncctctgaaa taagggtggg gactcatnca gggnggcctg 180
ggcccntggg gggggggtta aacctcaaaa aaaggggagg gaaggcttg gactgcctg 240
aaccatttcc tctacagcca gaccaccag gtggcgacc catcatcca nctctgcant 300
ataatgggat tgcatacaa tcaagccctg aaaataactg ggaccacctg ctccccctt 360
cttgataaac aacacatgtg aatgcaacct gtcagtcgtt ggaaagtgc ngcatggaaa 420
ggcaattncc aaatgacttt ttaaaaagta tgagaaattt gcctggcttg aaccgtttt 480
ttaaatattt gcccggggag gtttaaccat ttaataacct atttcattaa cttttaattt 540
gaagcctnng gccttttgaa ngggnggggn ttttaaaggg aaaaacaatt tttggggna 600
ttctntnttg ggccaanggg ggaacaaaaa aatngttgt aancctggg gnccccggg 660
cngggccaaa cntttttttt accaaaaacc cctaaanggg accctttcaa nggggttncc 720
cgggtttggc cncatttaa aaggnacccc ggggggaang ggacnaaaaa acctttttt 780
tngccnaaaa aaggggngn ggggggcctt ttttatata aancatttt gngggganac 840
cnattttttt ccccg 855

```

&lt;210&gt; 2492

&lt;211&gt; 673

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(673)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2492

```

ttaaacttta cancttctgt gtccgtggaa ntctgggtgt tnggcccgc nttcgttgg 60
ctcnctntt ngcngancct tttncgcnc ttnccngana aaaaaaagg nnggccnann 120
ccgacctttt ttcnngccag nnnnttttn gggggnccnn taaangncnt ggntnaaggc 180
caaggncctn ttgggnccctn ggnnanacan ncccgtaag gatnttcgg gnagntcatt 240
ngancngang gccacctnaa ctnnccgatg tgcaacatca caagcacntt cnaaaatngc 300
ccgatggcac aanttgagca aggtntcctt ccgggcaccn aaatccgctt tttgaatttg 360
cctgactgct gaaaaacccc cctgttaaaa gcatgaaaat aanaccaaag ctgagggtg 420
gccgaggaaa cttgcattct caggccaatg gcccacaaaga aaagacgttg atgggacgtg 480
gaaacatttt caaagcgaga tatttctagt tgacagaact tgtcttttct taggtattga 540
gtcttgagng gtgcttggct attntaggat nttgctctt cttaacaggg aatgttacta 600
ataattggg nttttgtcna aaccnnagaa gagagctntn gaaatnnggn ccnacatcta 660
ccntnttnnc can 673

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<210> 2493  
 <211> 837  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)...(837)  
 <223> n = A,T,C or G

<400> 2493  
 cgaactcttt agacctnncg aatccgtgct ggccgagac actggntnac ccagagcttc 60  
 cgcangcann accnnatggg tttttnnccct tttngtaaaa aatccaaaag aagaattttt 120  
 gantaaaaaa ancaaaantcc tgtttttgng cctggaacca cnttgncag gcangttata 180  
 aancagggtg gancctgggtt agccccaccc agnancgnag gnnngcctca ttggngaccc 240  
 tcctagccca gcntaaaagg gcatcacccct gcgngtgctc acaaagnaat atggaatttt 300  
 cccttgccgg gccttcaatt gtggnatnna aagaaccctc tcttgatgac ctgtgtcctg 360  
 ggtgctctgt tggcctcctt cntgccaccc gaaggaanaa catggaggct tagagaangg 420  
 gctcactgaa caancgaaaa tgnttgggaa cnccaaagga gctnccaaac acaaaggagc 480  
 catgaatggg gcctaggctc ttccccnagg gctgggggtg cctcaaccgt cttgttgggc 540  
 aaaaatcctg cttcccttga cacancgggg gcttaanaaa ccaanccctg nggtcacaca 600  
 ccctggtgga attaacaatg cctggctgga cccctcactg ggagaaaagg gctacaccgt 660  
 tttgtggaac caaaagccaa aaaaaagggtg ttttatttng gaaaaccaa atccaaanct 720  
 gnnccatttta ctttttaatt aanaaaattc ntttngggaa tttggctnat gccctataaa 780  
 tccccaccac cttttgggaa ggctgaaggt ggggaaaaaa anaccccgan cccaant 837

<210> 2494  
 <211> 744  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(744)  
 <223> n = A,T,C or G

<400> 2494  
 tacccttcac ntactcagcg ggaagatagg caatgccatt tttttcagat gtacacntgc 60  
 cacacaccta aacatagggt taaattatga agaaatttag aatagagggt tattagattt 120  
 agggaaactt aagaacaaaa aaggaaggag tgatacctgc ctgagtgagc agctgtaaat 180  
 cagctgtaat tactgcagtt gtaccaatag ttgtgagtggt ctccagtcac tttaggagtc 240  
 cttggaagta cttggtacac atttgttggc tgtaccttaa aggaagtggc aagtccagtt 300  
 tgttctctct accacactag actgccactg acaagtttgg gtctgttggg ttcaaaattt 360  
 tgtaagccat tttcacaagt acaaagatac attttaacct tgtcttctcc aaaattactg 420  
 agtaggaatt ttatttttat ctttttgaga cggggtatca ctgtcaccca gactggagtg 480  
 cagtgggtgg atcttggtt actgtgacct ctgcctccgg gttcaagtgg tcctccctcc 540  
 tcagtctcct gagtggctgg ggcggcangc gcgtgccacc atgccagct ggtttgggtc 600  
 atttttctgt ananacnggg ttttgccatg ttgccgggct tggctcanac tcctggctca 660  
 ngcgancatt tcgntctcgn ctccaaggn gctgaaatta tangtgtgaa ccccgagtc 720  
 tggccanant gagganaaat aatg 744

<210> 2495  
 <211> 1593  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1593)  
 <223> n = A,T,C or G

<400> 2495

ngnngnnnnng	nnngngnngn	nnngnnnnngn	nnngnnnnnnn	nnnnnnnnngn	gnnnngngnngn	60
nnnnnggggnn	nnngngnggg	ngggngnggg	ggnnnnnngn	nnnnnnnnnn	nnnnnnnnnn	120
nnatnaannt	aaacncttg	gaaancccn	nnntgnnn	nnnaaggngg	ggnggtggg	180
naagngagg	ggngngngn	gnnggttnna	ntntttntt	ntcngnnnn	cngnggggg	240
ggnnnnggg	gggggggtg	ngngngngn	ngtngannt	tttttngng	ncngngngn	300
nnngngggg	agngggggn	gngagnggg	cggngngan	gnggggggg	gnngnnnnn	360
nggnagnggg	ggngngngg	ngggngang	ngggngngn	ggngggngn	nggnngngn	420
annngggga	nanncnngg	angnggggn	gngngnnng	aaaggagaa	ngggngngg	480
gnnnnnngg	ggngntggg	gnnaaggga	ngnnnnngn	ngggngngg	gngngnggn	540
ggngngggg	ggngnnngc	nnngannng	tggggnggg	gnntgngng	gcngngngn	600
gcnnnnngg	gnngggngg	angggngng	ngganangg	naanngcgg	ggngagngg	660
gnggggnnn	ggtnggggn	nnnggnagag	gngcgnaann	gggnggggg	gggnggggg	720
gaagggggg	ngngggnnc	ngngggggn	gggggggng	nnngnnngg	ggggggggc	780
nnngnnnnn	nggnggggn	gggggggng	ncnngngng	nnannngnn	nnanggggg	840
gagnggggn	ggngngngg	nggngnncg	nggcngngg	ggggggggg	nnagngcna	900
ngttggggg	nnnnnnngn	ggngggngg	ggcnnnnng	nnnangggg	aggngnnng	960
ngcnnnggg	ngngggggg	gggggggng	acncctgng	ggggggggg	ggggggggg	1020
tnngagggn	gancngngg	annnncggn	tnaaggngng	gggngngaag	angnnnnnn	1080
nangngggg	ggggngggg	gggggggtg	cggnnnggg	gagggtggg	ggcncaang	1140
ggngnnnnn	cgggggggg	nanangggg	gggggggng	nggganaana	gnaaagggn	1200
ngggggggg	natgggggg	nacgcggng	gngggnggg	gnnggaana	ggggggggg	1260
ggggggggg	ggggtnggg	gtnnnnccg	ggggggggg	gaaagngng	nggnaaggg	1320
gngggannng	gnaagggnaa	ngangncng	gnggggagg	gaaangngg	gggnggggg	1380
annnnnggg	nnnnnnngg	gcngggggg	ngcanganna	ggggggngg	tggggggng	1440
ngggggngg	gncgtagg	gggggggga	agngggggg	anngtcgcg	nncggnggg	1500
gntanaann	gangggngn	gtgtgtgtg	ggggcnntg	ggganngag	ggnagggga	1560
cggggggng	aagnnnggg	nnngctagg	cgg			1593

<210> 2496  
 <211> 730  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(730)  
 <223> n = A,T,C or G

<400> 2496

tattgaccnc	tttcgattcc	gtgctgtcgc	aaactttctt	ttgtttcacc	agtgggaagg	60
aaaaataaaa	tgtgaaccaa	agcaactccc	tacntttagc	tcantgggg	gntccnttc	120
cttnttgn	gggtcttggc	cctttggttg	ncggccnagg	aaactattgg	tgatccacc	180
tttgggctna	gatgtgatgg	gangngggat	gtangggccc	aaggagaaan	ggttgagcc	240
agcggtaag	cttggaacaa	anacctncan	gcggttccct	ggtgttctgg	gcagtcacgc	300
ccaactgcc	accgctttgc	ttgcactttc	actgggggta	aaagaanatt	cttcccttc	360
aagaatccca	aaaacccgct	ctctgccagg	gggactttgg	aattccacac	ggatcaagaa	420
caaggacacc	tttgcttggg	aacaatttgg	atgggagctc	tcctnctcgt	gtccactgga	480
aagacattta	ggaatcaaat	tcaagggaaga	aagaccccg	aaangggant	tgggaatggg	540
tgtgtgtgag	ancatatgtt	ggttttgtgt	gtgtgtgtgt	gtgcntgcct	gtgtattttc	600
acttatatan	aaaaatattg	nttttttaac	aaacatntat	ccaatttntt	gtntaaaaaa	660

atatcccttc gcgngttcta tcaaanntnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 720  
nnnnnnnnntt 730

<210> 2497  
<211> 754  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(754)  
<223> n = A,T,C or G

<400> 2497  
tnanttacct cttttcgaat ccgttgctgt cgcagaacca gccacagggt tcatcgacgg 60  
tgacttgatt gagagtttcc tggatattag ncgccccaaag atgcaggagg tgggtggcaaa 120  
cctacagtat gacgatggca gcggtatgaa gcgagaggcc actgcagacg acctcatcaa 180  
ggttggtggag gagctaactc ggatccatta gccaaaggga gggggcccct ttgctgaccc 240  
tcccaaagg ctttgccctg ctgccctccc cctcctctcc accatcgtct tcttgcccat 300  
gggaggccct tccctaagcc agctgcccc agagccacag tccccctatg tggaaagtggg 360  
gcgggcttca tagagacttg ggaatgagct gaagggtgaaa ctttttctcc ctggattttt 420  
accagtctca catgattcca gccatcacct tagaccacca agccttgatt ggtgttgcca 480  
gttgctctcc ttccggggaa ggattttgca gttctttggc tgaaaggaaag ctgtgcgtgt 540  
gtgtgtgtgt atgtgtgtgt gtgtatgtgt atctcacact catgcattgg cctcttttta 600  
tttaaattgg cagtgtagg agttgtgggt agtggggaaa naaggtttaag aaggtttcat 660  
tgtctgtgaa gtganaacct ncntttactt ttcntttatt gcctctgaaa acattaaggc 720  
ctaaaggcct gactgncnaa ccatgggtag cccn 754

<210> 2498  
<211> 752  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(752)  
<223> n = A,T,C or G

<400> 2498  
tgtntgacnc ctttcgaatt ccgttgctgt cgcacacagc ccctctgcaa aggttgggaa 60  
acttgcaagg aatttaagga aatctctgtt nagtcattag ccagccacta aactaactga 120  
gcagatcctt cagtgatcac acacaacaaa gaatacagac ttacagact tagtcctaga 180  
aatcactac acaaacagca caacaatgca cctgggacta agggagagga gatgagttcc 240  
agagttggta tattatttaa atgtctagtt ttcaataaaa acaattataa gacacagagc 300  
aaaactagaa agtatggccc ataccaggg aaaaaacaagc aaccaataga agctgtcctt 360  
gaggaaagta atatcttgga cttactagaa aatgacttta acactagtta ttataaatat 420  
gttcaaaaaa ctaaaagagg ccagggtgcg aggctcacgc ctataatccc agcacttttg 480  
gaggctgaag caggtgggtc acctgagggtc aggagtttga gaccagcctg accaatatgg 540  
caaaacccta tctctactaa taatacaaaa attagccagg cgttggtggc cacacctgta 600  
atcccagcta cttggggangc ttgaagcagg agaactgctt tgaaactggg angaagaagt 660  
tgagtaagc tganatcacc cactgtcttc acctggggcca caagagtgna acttcatctt 720  
caaaaaaaa aaaaaaanc cttnattnnc ct 752

<210> 2499  
<211> 759  
<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(759)

<223> n = A,T,C or G

<400> 2499

ttntttgacc	cctttcgant	ccgttgctgt	cgatgctccc	aggtctccag	tgtcacctct	60
cggtacagt	tcctctgggc	caggtccagc	tggtcccact	cctcctgtgt	gaatgccata	120
gccacatcct	cgaagcacac	agatgcctga	aacagggcac	ttgttactgc	tcagagaccc	180
caggtcctca	tgccctcacg	gaggtacctg	ttaaggccta	aatgttggtg	ccccccgta	240
aaattcatac	attggaacct	aatacccagt	gagatagtgt	taagagggtg	ggtctttaca	300
aggcaattaa	tgctcctata	aaagaggctt	gagggagcct	gtgttcacct	tctaccatat	360
gaggacatgt	aagaggtgcc	atctatgaga	cagcaggccc	caaccagacc	aactctgttg	420
acacattgat	cttggaactta	ccagcctcca	gaactatgag	cagtcgaattc	tggtgtttgt	480
aaattgctca	ctctaaggta	tcttattata	gcaacccaaa	cggactggga	cagctccatg	540
tatgtggtct	gtaccattcc	ttttcttggg	catctcacct	cttgccagtc	acagcaagtg	600
gtcctgattt	ctagactgga	aatgacagga	acttcactag	gagatcctta	cccccttctt	660
ttttacaaaa	atcacaagat	tcgaaatgag	gtaagaaaga	aactttttaa	tcnggggtgg	720
gaaaactgca	gcctgtagga	caaatcaggg	cttgngggg			759

<210> 2500

<211> 773

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(773)

<223> n = A,T,C or G

<400> 2500

ttattttaac	ncctttcgan	tcggttgctg	tcgcttgacg	cttggcctgg	ctttttttgt	60
ggagatgggg	tcttgccgtg	ttgcccaggc	tggtctcaaa	ctcctatgct	caggcgatcc	120
accctcctcg	gcctcccata	gtgctaggg	tataggcaag	agccactata	cccagactgg	180
attagatttc	ttcacatgac	atccgtagag	tgccctgtgtg	tatgctctgt	ggatgtaaaa	240
tgaacaggca	agagtacaga	agtagaatct	ctagccatgc	agtcagacag	atggctccaa	300
aattagttac	ttggttatgg	agacgatcaa	gttacttgac	tttgagctc	agttatgtgc	360
caaagtagga	tactaatagt	atctatctca	aatgcatata	tgggtgttca	ctgtctctgg	420
gagacatttt	ccaaagaaac	caagactaac	ttggttaagg	aatagatttc	tctcactgat	480
acaggatgtg	ctctaactgg	ccccacgata	ctgcattgaa	ttacaagtgt	ttcctaagta	540
tctgtggggg	atcanttcaa	nacctctctt	gaataccaaa	attgaggaag	tcaagtncc	600
gattttaa	ggcaatagta	tttgcantta	atctantngc	antcctgtat	taattttggc	660
attctctana	attccttgta	atacccta	ataaangtaa	atngnttgg	nagtagttan	720
tnctgntatt	tcangggatt	aatgacccaa	aaaaaanaaa	tntctataca	ttt	773

<210> 2501

<211> 1156

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1156)

<223> n = A,T,C or G

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<400> 2501
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nnnnnnngnnn nnnngannnnn nnnngannann nnnngnnannng nngannanan ncnnnnngnn    120
nnnnngnnnnn gnnnnnnnnng nnnnnnnnnn nnnnnnnnnn ncaaaaanga aaaccctttt    180
ngnnaaancc cncnngcngg gncggcangn aacaccngg nccnagcana agccccaccg    240
gnggcaggga agncacctgt ctcccttcag caacagcncn gcacnnnacc gnnnggagcg    300
cncçnnncag gacnanggtc agcagacnnc naagacgggc cccaaagaag gccaccnggn    360
anncaagngc accgngnanc accnccnncn gaangagcng gccnagngac gncnaagngc    420
acaagaaacg gnggggaaag gggacgggga naacaannnc cagaaanaag ggnanaaaag    480
acacngnggg cngggngcgg ggggcnacg ccnggaaacc cagcaccang ggaggcngag    540
gcggggnaga caccngnac ggcaggagg ncgagaccag gcccggnan gaagggggga    600
aaacccccgc cncnacnana aaanagnaana aaannagccn gggccanggg gggcangggag    660
ccnggnaaac ccagncnacc naggggagg gnggagggca gggagaaaac cgccnggaac    720
ccgggggaag gncgggagg gnnngcagcc gaagccaaga ngaaaccacn gcccaancgg    780
caacanccca agccccgggg gggggggacc aaaggaaggc gggaggaacc nnnnggggcn    840
nccaaaaaan aaaaaaaaaa annngggggg aaaaaaaaaa annaangccc gggggggcca    900
aagggggggg ggggccaagg ggangcccg ggggaaaaaa accccaang cnaaccnng    960
gggggggagg gccngggaan gggccagggg gnaaaaaaa accggggcan ggggaaaacc    1020
cngggggaaa ggggcccgna nagggannng gcaaaaccgn gagcccgaaa ggaaanncac    1080
cgcccanac gggnaaccn cccaaagccc gggggggggg gggacaaagg gangcggagg    1140
gaaannnggg ggcccc                                     1156

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<210> 2502

<211> 796

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (796)

<223> n = A,T,C or G

```

<400> 2502
ntttgacgcn ttgcggntg ccggagctgg cggaagact ataatatgac tttgtgcatg    60
cccgggaggg ctgccttgta gagaggatgt gagcagctta gtcgctcatc tggccctgtg    120
attcaggctt atggagcgtt aagaataaca gctgtcaaata ggcctagaca tggttaatgc    180
aatTTgttgc tagtggaat cctgaattgc ttctttctg tgatcactgc tacttcttaa    240
gatgcttttg atgaatgtca tctgccttac aagttgacac ctgataactt ctccctgatg    300
ggtttccgaa ctgggtgact taacaaaaaa gccagctctt gccatctatc ttgcattaaa    360
aggaattcct gagtcctaa ggggtcagct gcccactcc tgactttttt atttttaatg    420
gtctatacct tctgcaacat ttttgtttat ggccattttg aatagttggg actttgactc    480
ctcacttggt aataatagga atatatttt gcagaatcta acataatacc cttaaaattc    540
atactggaca accatcaagt gtgatgtata agtatctggt gttaaacaat tttattcagc    600
atattaaatt attctgtggt tttgcttttn cttgataatg taggaagggt caccaagtac    660
ccagggtttt tcttcttgg tgggtgggct ttaaaaccgc ctggaattgg ccatttttgg    720
catttggtct tacttgaaaa anncttgtgg gcaagcngan tngggtantt attngacca    780
tggttgtttc ttcatn                                     796

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<210> 2503

<211> 723

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (723)

<223> n = A,T,C or G

<400> 2503

tgtttnaanc ccttnchnaat ccgtgctgtc gataaaataa tgcattgtaag gccctcagca	60
tagtgccctgg cacagaatta ctgctcaaat gtttagctgtc gtattaatat tgtcactttt	120
gcacactgat gtacatttcc tgttgaccag gctcatttct taagcattct ccatgcttaa	180
accagttcca taatccctag gcctgtactc cagggtattga gactgaaagg atcatttatg	240
ccatgtttct ctaaaaagcat cattgctgga agacttttga taagtctgat gtgtctcaag	300
ctattctcag gccttttttg tagagttag aaatgaagta tttgaatcaa tttagtatct	360
cctttactat gtttctcctt ttaatctcag ccaacccctt acctgcaggt aaaccagca	420
ttcattaaga gctgggttgg ggtactctat tctgtatgca tcataatagc ttaacattat	480
ttagtagctg taacttacan gtttaatgct agatgangat gtctcaagcc gtgagtgtgc	540
ttgtgtaaaa tgggtggcacc atcatctcgt tggaggaatt ttacttgaat ggtatttttg	600
gaaaatgtac anattcttnt gataaagaaa taaatgggtt gtgtnaaaaa aaannnnnnn	660
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnaaaa ttcnncnccc	720
nnn	723

<210> 2504

<211> 843

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(843)

<223> n = A,T,C or G

<400> 2504

ttatnttaan cccttttcga attccgttgc tgtccgagca aataccaagg cctaaaaaag	60
aatgaattat ttgctgtttg ggaaatggaa gccnnngctg agtgctgaag cacagggact	120
ctgcgcagga agaggagggg aagcaagaaa tgaatttggg tccttgtgat ggcagtggct	180
gctgccatca cgctgtgtgg ctagggtgc acacttcag gagccgggtg aagccccgtc	240
cctcatgagt tgggactgga gccgcaaac gctgctgcag acccaggcct tctgctctat	300
ggagcaggca ggagccccac cctcttgggc agggctacag ccacccaaac tgcagctgtg	360
gatccgagcc tctctgtctc tgggggagcc ggaacaggc agaatttgcc cttccagatg	420
cagctgcagc ccgcgcaggc agganccagg gacaaagtgg gagcccttgc ctntttccaa	480
agttggcggg gtggggagct cccaagtgca gcttgtggct tgcccccca ngcacaagga	540
acganggcat tttttgcaac cctgcacca tcggggccatt cccaaggaaa ggacaagccc	600
cccttttaac ctttccattc ccttgcaagg ttccaanggg gtggttttgg ttttccaact	660
tgnccttggc ctttttttcc aaattncnaa caaanttggg tttgattttt gggaaggggg	720
anatnngga ancccaaaaa acctttgaan cccattaaaa tgccancca gggaaggnaa	780
anggggggtg ggggttnccc caattaaagg gcccccccc ttaaggccc angggaangg	840
cct	843

<210> 2505

<211> 1448

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1448)

<223> n = A,T,C or G

<400> 2505

nacnnngnnn ngnnnnnnga nnggnnnngn gnnngnngn ngnnnnnnnn nnnngtggga	60
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angngannnn annngnannn gtgngnanng gggngngntnn gnnnnnnnagn gngganggnn 120
nggnnnggnn ggngannngna aggnnggggn gggncntnn nnnnnnnnnn annnnnnnnn 180
nnnnnnnnng nttntgattn ntanaaccct ttgggaaaaan tcccnnnnnn nnannaannn 240
nggggggggn gnggngngng nngntgagtg gngagngggg aagggggggg gntttttttnn 300
tttttttcnn gngnnggnag nagnnagggg nntggggggg aggtacngng ngncgnntt 360
ngccntnttg ngngagggcn gngnggggnan ggaagnngga ngggngggcn gacngggggg 420
ngggncggcn gggnganntg ngaganngng gggcgaggag tgagnntgcc gcggannngg 480
aagcgggtng nggacgaagt ggggangagg agcagaggan nnnnggggng ggngngggga 540
cngngnangn ggagggcggg gnnnangngn ngcgacgggg angggcgggg nnangaanta 600
ggggngngn ngngngctgag gtgngatnnn gntgncncgt ntangnngga nggnanangg 660
ngagganggn ngggangannc ganngngngn anagngangg anganangg agggagngnn 720
gngnagcgan anantngncg ngggnnntan ggngcgngng ngngnnngng nganntgagt 780
nagagnggnt gngnnggann tgggngcggg ggngggangg ggaggnanag gatacgatg 840
cngcnggtgg angnnancga ngnacgangg gngngngtng gggnggggac gcggcangga 900
gggtacggct nngcgagnat ntggtnggg nncgcnacgg cagatgcggg naagnanggg 960
acngatgntn gtgnngggg cgngngngc gaacnngcn gngannnnng ggnggaagna 1020
gggtnnanga ntcngtgat gagngcggt gagngagggn nntgnagngc gngncaggga 1080
nnngatgacg tnggggnnga gacgangncg ctccgngag cncngcggn ngntngtgt 1140
ngggnggaan ggcngagcn nggagngngt gngnggtang ngaggagnga gngtngntan 1200
ggcgnntnng anngcgnagn gnangntngn gcangggagn gcgccgagnt gcganggagn 1260
gngangnngg aggaanngtg gagagggcng nngngcgagg cgggaggnac cgngcgggcg 1320
ggagggcggg cgnggtnaag anggtcgga gaggtacggg gggngggngg ngntgaagg 1380
gnggagngn ggnagngcan annncgagg nnnngngaga gggngcggt ngngcgtgag 1440
gggnaacg 1448

```

<210> 2506

<211> 673

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(673)

<223> n = A,T,C or G

<400> 2506

```

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ggagccatcn gattnttacc tgaaattcct tagtctctcc tgtgttgggg aaatggtaag 120
taagacagat ttcccaaca gagagcgtnt ctatctcttc tctactcctc ccttttaaaa 180
tngagattct gacagtgtaa aggagttagg accccctttt ggggatcggg catggttttg 240
tggctttaaa atgctttaaa attgctgaag ttcttgggtt tggaactgna ntctcctaag 300
taacattnta tcatcgcaag tgaaatactg taactctcgg tgccaaatcc aggaataatg 360
ggcgggttagg agaagtccag ggaaagccga ctgagcangt tgtganggta ancacctgt 420
taaatgncac aaaaatgtca cntgcttct ctaactagga aaactgnagg acttttgaat 480
aagggnngat attagattta aaaattanat agncatccct ccaaaacctn tgntgttact 540
ggngagtga gactgtataa tattagaata gatgcgcgcg cggtactagc tgagtnaaca 600
ncagcacatg caacctnttc taaatcaaact actgagnggc tactngntca cctcgangga 660
gggatatctg acn 673

```

<210> 2507

<211> 772

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

&lt;222&gt; (1)...(772)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2507

nataaccttt	naacctncnn	antccttgct	gtcgcccaga	gactggetcc	cagtgaagcta	60
agcccagccc	gcgacccttg	gatgttncca	gctgatttaa	tactcatgat	aaacccagta	120
ggtcagtgcc	agtattatga	gagaagtggg	ggcacagaat	gtcacatcca	cctcccaaaa	180
gtcaacagct	aggagtga	gagccaggat	tctgccaggc	aggttggcct	cagaggccac	240
acttcttata	ccaataataa	aagtgaacaa	gaacaggatg	aagtttagagt	gagagagcga	300
gagtggtaac	actcatgcaa	tcagagaaca	agagaaagct	caatggaaac	atgtattcac	360
tgacaggatt	aaaacacaaa	acaacaaaaa	gagagacggc	cgggcgcggg	ggctcacgcc	420
tgtgggtccc	gcgctttggg	aggccaaggc	aggcagatcc	cctgagctca	ngagtgtgag	480
accagcctgg	gcaacatggg	gaaaccctga	ctctactaga	gatacaaaga	ttagctgggc	540
atgggtgggg	atgctttgta	ctcnggaagc	tnaagtggga	aggatcgctt	tgggaccccc	600
ggangcaaaa	gntgcanttg	agttcaaaa	cgcaccactg	gacttntaac	ctnggtgata	660
gaatgagaat	cctttntttt	nnaaaaaann	nnnnnnnnnn	nnnnnnnnna	aaaaaatctt	720
nnngggccnt	tttttttnnn	tccccaantt	taaaaaactt	ttntngtttg	nc	772

&lt;210&gt; 2508

&lt;211&gt; 758

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(758)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2508

tnneccttan	accnngtgct	gcgggaagat	aggcantgcc	ntnttttcag	atgtacacnt	60
ccaccccccc	aatangaatg	gtttttanta	atnctntttc	ccttntttnc	anggcttntc	120
ntgnngntan	ctattcttta	antantagga	ggggggaggg	tanttttagg	antnctncc	180
nccancagaa	antaatggct	gggtgnttnc	cnnttaaaag	ggccagtag	tatcattgtc	240
tgttgagcat	atagatcagt	ttttcttct	aatgctatt	caactctcta	ttattaacat	300
atatatgtat	gtgtatatat	atgtatngg	tgtatatttt	attagaaaaa	ataatctatt	360
attcaactag	ataaaaataag	aggtaagaga	taacatagta	gaactcaatt	atctactaaa	420
taaatattac	tccattctc	tgtggaacac	ccaacaatat	tctcttcagg	gaagtgaac	480
tgactattgt	agaaagaaca	agttaatgtg	aaaaataatg	tttcaaggcc	ttattatttt	540
attttcttaa	agagtaatca	tagaggggga	agcataatac	ttcattacca	tgtctgtaga	600
ngaagtgaag	agcctnttat	gccaataaga	aatacaaggc	attnctttgg	accnttagtc	660
atncttcaaa	agaagtggga	atgtgtctca	agntctgggt	ttatgaagaa	atcaccattt	720
ttgaaaaatn	tggggatgna	aaaatgcccc	cntaaaaan			758

&lt;210&gt; 2509

&lt;211&gt; 1581

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1581)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2509

cgttnnnnnn	nnntngaaaa	accccccttt	tttgggggna	aaaaannccc	ccccnccnnn	60
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	120



```

nnnnnnnnnn nnnnnnggnnn gnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnt tttttnnnnnn 180
nnnnntttttt tttttttttt ttttnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn 240
nnnnnnnnnnng gggnnnnnnnn gnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn 300
ttttttttttt nnnnnnnnnnn ngnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn 360
nnnnnnnnnnng nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn 420
nnnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnngn nnnnnnnnnnn nnnnnnnnnnn 480
nnnnnnnnnnnn nnnnnnnnggnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnng nnnnnnnnnnn 540
nnnnnnnnnnnn nnnnnnnnnnn nnnngnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnng 600
nnnnnnnnnnng nngnnnnnnnnn nnnnnnnnnnn nnnngnnnnnnn nnnnnnnnnnn ngnnnnnnnnnn 660
nnnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn 720
nnnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn 780
nnnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nngnnnnnnnn nnnnnnnnnnn 840
nnnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnngnnnn 900
nnnnnnnnnnnn nngnnnnnnnnn nnnngnnnnnnn nnnnnnnnnnn ngnnnnnnnnn nnnnnnnnnnn 960
nnnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nngnnngnnnn 1020
nnnnnnnnnnnn nnnnnnnnnnn nngnnnnnnnnn nnnnnnnngnnn nnnnnnnnnnn nnnnnnnngn 1080
gngnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nngnnnnnnnn nnnnnnnnnnn 1140
nnngnnngnnnn nnnnnnnnnnn nnnnnnnnnnn gnnnnnnnnnn nnnnnnnnnnn gnnnnngnnnn 1200
nnnnnnnnnnnn nnnnnnnnnnn nnnnnngnnnn nnnnnnnnnnn nnnnnnnngnn nnnnnngnnnn 1260
nnnnnnnnnnnn nnnnnnggggnn nnnnnnnnnnn nnnnnnggnnn nnnnggnnnnn nnnnnnnnnnn 1320
nnnnnnnnnnnn nngnnnnnnngn nnnngnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnngn 1380
nnnnnnnnnnnn nnnngnnnnnn nnnngnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn 1440
nnnnnnnnngnn nnnnnnnnnnn gnnnnnnnnnn nnnnnnnnnnn nnnnnnnngn nngngnnnnnn 1500
nnnnnnnnnnnn nnnnnnnnnngn nnnnnnnnnng nnnnnnnnnnn nnnngnnnnnn ngnnnnnnnnn 1560
nnnnnnnnnnnn ngnnnnnnccg n 1581

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```

<210> 2510
<211> 786
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(786)
<223> n = A,T,C or G

```

```

<400> 2510
nntttacacc tngtgctgtc ggccagggga ggtcaaggct gcagtggact gagattgcac 60
cactgcactc cagcctggat aacagagtnn aatcttgtct ttaaaaaaaa aagnatgact 120
cancagatgg agganctctc catttggtct ttcctttccg ttgggtttgt ctccaaatc 180
tcctccagcc tgctgngtat tcctcagcaa ctacttcaa gcaccaccct gatcctgtag 240
atgaacctcg cataactttc tccgtcaaca aacacctgag gatctgctgt gtccccagta 300
ctagggggtga ttataaaaca tatatgcagt ctctgcactc atgtttccca cagagaaagt 360
actcattcag caaagttttc taagtacctg taatgtgcaa ggcactgtgc cnagtctgaa 420
gtcatggaga ctgtcatggc cactgcccat agagcactta ccttatattg agggaggggg 480
cagaacttaa gctaataatt caatacttat ttgcttcata atcatnagct gctgngaggg 540
gaaaagtcac atgacaagtg acctagtgcg gangatgtaa cctgggtcta anggggatna 600
ttanaaangn tttccttaac gggagtttcg aaaaccagcc tggggccaac acgggnngaa 660
acccccgttt ttnagttaaa ntccnaaaaa aaaaaaaa tttcccccg gggggggggg 720
gnggnccccc tgaattccc aantccncca agaagggtta aggcaaagan naaatttttt 780
caanct 786

```

```

<210> 2511
<211> 1526
<212> DNA
<213> Homo sapiens

```

<220>  
 <221> misc\_feature  
 <222> (1)...(1526)  
 <223> n = A,T,C or G

<400> 2511  
 ccccccccc cccccacaca cncacacgga ngnananngn aaangaaagn cannacnccn 60  
 annnnnnacnn angcngaanc agcctcgaan ncngaganga aaganacaca gnccagagac 120  
 gtnagnagnag aagnngnntt tacntttngc gacaccgcac acgcnngnngn cgngggnaag 180  
 acncngcgca cnacncgnca tcnngcnaac gcacgngncg nagnngnacgc ggncggacga 240  
 cngngcnacg anggagcacg anngaangac ggaggacgnc ngangacnnn agannnnnacg 300  
 nngnggccgc agcacnccnc caccngcnnc angaannacg gnaccgcacg acangacgcg 360  
 acgggnacac agcanacnng cggaacgcnc ngagaacgna acgncacnta cngacganna 420  
 cnagccaagc gacgangann acnngnangc ccancacgac aggggngncg cgaaaggann 480  
 ancacaancn cgnaaganng ncccgaacc aaaaacgcgc nncgngnngn ngacgcgagg 540  
 nanncacggc nnangggcna ngcnnggaga cgagcganag ngnaaanaga acgngnaaaa 600  
 aannnacgcg cngagcnan gcaacagacn gcgntaaan agncgncgcg cngangcna 660  
 acggncgana ccgacnnanc agccgcnngc gacncagcac ngancccncc agggcctccg 720  
 cgaccganac anangnaaac gannangaga cgagacacat acancgccga gctacnccgc 780  
 ncanncgncac anagaggccn cangncncac acnagcngag atgccagcgc cngagccnnn 840  
 gcttcgagga gagncgccgn acgngcnngn agagcaaggc acnagacan angcncgac 900  
 canagacgac gcgcatacga ngnanggagg nccgagggna ganggaaatn nangagcaac 960  
 ncngncangg gcgagggagc caccggangg caaanagang angagnnacg ncncnanann 1020  
 cgnatnnncn natcncagan nancgcaccn ncgacanaca taggacnggn acnacngccc 1080  
 ngncncgagn ncacagagaa tgnaccagc gantagcang naaaaacctc aatgcaanac 1140  
 acgacacgcg acgtngcgcg cgaacaaacg cgcgacaggn cnacgaacga ganaggagag 1200  
 aanancacgc ganaccngga gatgcggaac gcgcagagac gatcatacac gnnccggagg 1260  
 ctngcaacgt aaccgcacnc gangnnnngc gcanncgnc nananannng ngcggttnna 1320  
 agnnncgnac gcnnncngga nccncggncg cgtagngacg cgnaatnann naangacncg 1380  
 cagganacan ganacgcanc acaancaanc agacngagc ncgcannaga gcacaganac 1440  
 gnannggagg nagaacaagg agcgacacgn agnganntaa nggacanaan acaangaacg 1500  
 tancgacgcn aggnnnaggn nnnccg 1526

<210> 2512  
 <211> 864  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(864)  
 <223> n = A,T,C or G

<400> 2512  
 ntantccttt cgaantccgt tgctgtcggc ccgctctctg taaagtgttt gcttgtgcca 60  
 aaagggaat aagtggcgt gggagggtgg tgggtgttnt ccntgggcan tccgggancc 120  
 gaaggccgaa ctggtccctg gcgtngggta agccctctcg gcccggggga ngtgganggg 180  
 cccaccaacc caaangtcaa gtttcccttt cccaccctgg tgggtttctt gggttccggn 240  
 tttttttttt cttttttttt cctaataata tatttttggg ngggaattct attttatttt 300  
 naattctctt tttctctctc aaacacaatg gcaactgctta tctccgaaat gngtgatcg 360  
 tntcctcatt gagcaacggn tgccaccgcc ctgtgggtag tgtgtgaccg tggctgtact 420  
 gtatagttaa catagtggc atatctttgt ttgaagttag ttggtgactc cccaaactgg 480  
 tgtgaaaaaa gaaaaaagct caaaaaaatc cncaaaaaga caaaacnnc aaaaaaatcc 540  
 tgccatatatt ttactcagtt tcaaacttta ttaagtctat ttttaattat aaaaccaga 600  
 aagctacaat tttctttnt tccccctcca ccccccccc acccatttgg tgggcttttt 660  
 tgggtttttt aatggccana aactgttgga ggtnggggtt tttttggggt ttggggnntt 720

tgggttttttg	ggtttttgggn	ttttttaccc	ngaaaaaaan	gnaaggggcc	caaggggatt	780
aaangggggg	gaaacccggg	ccccctnggg	gggccncccc	ncaaaactta	aaggggcagn	840
aaaacttncc	ccttaccctn	gggg				864

<210> 2513  
 <211> 1484  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1484)  
 <223> n = A,T,C or G

<400> 2513						
ccnncngcgn	cnatgccanc	nnagnaanan	nnchnatang	gncnnganaa	ggaggncgcg	60
ggncgcacggn	nnngccgngn	cannngnatnn	nnnnnnnnnag	aatnaccng	ccttccaann	120
ccngctgnan	aaagcaaccn	nggngccccc	annacnnggg	nggngggggg	ggggggnttt	180
ttcccttttn	ancncacnnn	ncngcggaag	nggnnggggg	ggangtanaa	aggnacngac	240
aactatnggn	ngcgattggt	angaggaana	gnngcnnnng	gnncngggag	nnnggcggcg	300
agagcngcgg	naggnaggnc	gcgcgnaagn	ngggacgang	nanggaaggn	aggagggag	360
gcacgnacgg	gaggacnggc	gngngngagg	tacggaacgc	nacgtggcgn	ggcgncgcgn	420
ngggatggnn	tnggaaggna	aagntangga	anggananga	agggatnnga	tggagggngc	480
gngcaccggn	agagagangt	cgnnnacgga	aaagacncgt	aacgagggac	acgganaggn	540
gacngnnnnn	nagggntcgg	aaaggnaang	aacgnncanc	acgnnnacgn	aanngaagcg	600
naggggaacgt	gaagggacgg	gcanggnagt	nagnggaagg	gagacggaga	cgaangcacg	660
nacnngcgnn	ggancggnag	gntaacgtan	cgcacgtana	tggnnnggan	ggnaagtgtg	720
ggnaaaggcn	ggcgagtata	ngagnggna	gggtgaggan	cganaggtag	gnaangatag	780
nacggcnggg	nnngngngcn	nngangntat	gacgcggngg	aagngangca	ncnaagncnn	840
gnnanggaan	ganggagnga	agggacngcg	gcnagngcgg	caaggnnnca	cnaggngcgg	900
aggtacngna	gngngantgc	nacgnagtgt	acggatgacn	gnnngganng	agtggaaagg	960
aggnaggagg	cnaggcngtg	agaggggaag	gagcacngng	ggtnggaang	gngcgganga	1020
aggctngcan	ggangngagc	gtaggcnngc	aangggaggc	cggacgcaag	cgcangaatn	1080
gnngagganc	ntgcgtgcc	ctgngnngcg	cgtangggag	agngatgnac	ggagnaaan	1140
gtnggcaggg	aanggnacng	aatggncagc	atggnatgaa	angagcgnan	ncgagngcag	1200
cannngnncg	atgcgnncgg	ancgacgaga	nnagngctgc	gnagcgnngn	ncggnggagg	1260
ngnggnngga	gagnagggaa	ggnatggngg	gaangnangg	tacgacangn	acggaggcac	1320
ggtgcgatag	gacggntngg	acngaacggt	acgantgcag	ggcggtgng	gacgnctgag	1380
cgaagggatc	gcngtagncg	angcacngac	ancangcggg	ggagngacgg	ntnnantncg	1440
ngangcacgg	gacgatngna	ggaagganac	gacgcgagg	cccc		1484

<210> 2514  
 <211> 768  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(768)  
 <223> n = A,T,C or G

<400> 2514						
tctcnntcga	ntccgtgctg	tcggaaaatt	gggactgagc	tagagaaaga	agggatctta	60
aaaccttgct	agagaaagag	acctgattcc	atcttcaaga	catttgaaac	caaagacatt	120
tgaactggaa	ctaaaagggt	caactcagat	aaactcctag	ttagattgaa	gagatatatt	180
cttcactcta	ctcttggcag	gaaacaaagc	actttctctg	ggagaaaata	ttttcttctt	240

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tagtatecctt ttatatattcaa tgttttagcaa aaataaaaaat tttgagagac ttgaggagag 300
gaaaatggga tccgtaaatca agagaaacaa tagtgtaaata aaactcatca ataaccacaga 360
tgtttgaatt aacagacaaa aaaaaaactt atgttaaaga atttagaaga aaagatgggc 420
aaaactggga agaaggtagc aaatttcagc agagaaatgg aaactaaaaa actaaatgaa 480
aattctagaa caaaaagtct atgaagaatt aattgggttg acttattgga gtcagggtcag 540
taaaaaataat atgcaaacag aagcncggaa gtagaatgag aaaagagcct cagagacctg 600
tggggcacat taaatgggtct aacatgcctg tgactggaat ctgagganaa aanaaatggg 660
gccaaaacaa aatctggnnn nnnnaaaann nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 720
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 768

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<210> 2515
<211> 759
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(759)
<223> n = A,T,C or G

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<400> 2515
tctctnccgc ccaggatttt ccagtcaaaa gcatattcga gggactaaaa ggacatcaag 60
agggatactt cagtcaaatg ataatacagct atgaaaaaat accttcttac agaaaaagta 120
aatctcttac tccacatcaa agaattcata atacagagaa atcctatgtt tgtaaggaaat 180
gtgggaaggc ttgcagtcac ggcctcaaac ttgttcaaca tgagagaact catacagctg 240
aaaaacactt tgaatgtaaa gaatgtggga agaattattt aagtgcctat caactcaatg 300
tgcatcagag atttcatact ggtgagaaac cctatgagtg taaggaaatg gggaagacct 360
ttagctgggg atcaagcctt gttaaaccatg agagaattca cactggtgag aaaccctatg 420
aatgtaaaga atgtgggaag gccttttagtc gtggctatca ccttaccctaa catcagaaaa 480
ttcatattgg tgtgaaatct tataaatgta aggaatgtgg gaaggccttt tttggggctc 540
aagccttgct aaacatgaga taattcatac aggtgagaaa ccttataaat gtaaagaatg 600
tggaangcc ttcatgctg gctatcaact tactcagcat cagaaaatnc atacttggtg 660
agaaaccctt atgaatgtna aatattgttg gnaangcttt ttgtttgggg ctttcaacnt 720
tactcgacat cagatntttc attnctgggn gagaaancc 759

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<210> 2516
<211> 746
<212> DNA
<213> Homo sapiens

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```

<220>
<221> misc_feature
<222> (1)...(746)
<223> n = A,T,C or G

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```

<400> 2516
tgtannnagc ncttgggatg cnatgaaatt cagtataaaa ttgaatagaa gtaatgttaa 60
tggataatct tgtcttattc ctgggtctcnt agagggaagt tttaaataatt taatatgaaa 120
tacattgttt gattgggttt atttgcaaaa atcctttatc agatttatta agttcccttt 180
gttttttaat ttattatgtt ttttaaaaaat catgaatagg cattgaattt atcacatatt 240
ttctgttatt gaatggataa tatggatttt tctcctttta ttaatagcat gcattatatt 300
ggntgatttg ttaatgataa accaatcttg cattcttggga ataaactcag gttgcttatg 360
atgtataatc cttctttata tcattagact tagtttcceta acattttctt tacagttttt 420
aaatatatgt ttatgataga aacgccgttt ctacagaaaa aaataattat ttttaagggc 480
ataagttatt gggcttagac ttagtacctg aatgatgaaa taatcggtcc acaaaccctt 540
gtgacatgag tttgcgttat acaaacctg cccatgtccc ctgaacttaa aaggtaaaga 600

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gccacacacn	ccncacaga	tgccccaccc	cacacacgcc	caaagaaatt	ggcttttaac	660
tttccattct	tataagctct	ancngagttg	gcatcaaggc	tatnctggct	ttatatagaa	720
ggtaanaaag	gggtactttt	tttatt				746

<210> 2517  
 <211> 727  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(727)  
 <223> n = A,T,C or G

<400> 2517						
ttactttncg	antttcggtg	ctgtcgcgca	gaccatggca	gcccgcgccga	cggttcgctc	60
ttcgacaacc	ccaggacgtt	ctccagacgt	ccccagccc	aggcgagtcg	gcaagcaaaag	120
gctacgaaaa	gaaaatacca	agcgtccagt	gaggctcccc	cagcgaaacg	gaggaacgaa	180
acttcatttc	tcccagccaa	gaaaactagt	gttaaagaaa	ctcagaggac	ttttaagggg	240
aacgcacaaa	aaatgttttc	tccaaagaag	cattcgggta	gcacaagtga	tagaaaccag	300
gaggagagac	agtgcattaa	gacttcatca	ctgtttaaaa	acaaccctga	cattccagaa	360
ctccacagac	ctgtggtaaa	gcagggtgca	gaaaaagtgt	ttacttcagc	tgcttttcat	420
gagctggggc	tccaccacaa	tttaatttcc	acaataaata	ccggtcttaa	aaatgtctag	480
tatgaccagt	gttcagaagc	aaagtattcc	tgtgttgctg	gaangcagan	atgctctcgt	540
gagatcccag	acnggctcag	gtaaaactct	tgcttattgc	atcctgtggg	ccagtccttc	600
aacatggatc	aaaaatcang	tttactgtat	cacattttaca	aganacagag	cttaggaagt	660
aataccaagc	ntgcccagta	tggaggactg	gttntnctag	tctgttgntg	anaacaactc	720
ttntttt						727

<210> 2518  
 <211> 1451  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1451)  
 <223> n = A,T,C or G

<400> 2518						
acnancngcg	gnngcgnggg	cngnnnnnnn	ngncnnancn	annncannnc	gcgncggcgg	60
agcggcacgn	gggcccgcag	gccgngngng	nnnnagecgac	gccnagncgg	aannacnnnn	120
nnnnnnnnnn	nnggtcgcng	nccgngnncc	ccgnntcgaa	nnncgngang	acgggcgcag	180
ncgcctnggc	ccccccgccc	gcgagggggc	gggggggggg	tttttncagg	ngncncngng	240
ccnngngggg	ngnnncgggg	gangcngggg	angcnangnn	gagcggggac	ancaggggag	300
gcngagngcg	gggcggaacg	ggcnnccggn	gncggnncng	anncgagggg	gngnngggga	360
caacncnccc	cgnngggggn	ancnccgggg	cgccggnanc	cacgnanncg	ncagggnggg	420
cgccccgggg	cnngngccng	ngggnggggg	ncgcgngngg	gagcggggcg	angcgggncg	480
cccgnncggc	nccgggagag	nncccnccgg	gnncccccg	gagagccgnc	gccnancncg	540
nccgacgcag	ggncgncggn	angnacncgc	gngcagnngn	gacganaacc	cngngcggn	600
cnagggcggc	gccgcggcnc	ccgggcgagc	cgggngngng	ccggacnncg	gcanggagcg	660
cgncgcncgg	nannnnnnnn	gacggggcgn	cgcgcncggc	gngnagcnan	acncngngtn	720
ggcaangcgc	gcgngngncc	gcncaaagang	gcgcncagnn	gngcgcgncg	ganngcgggc	780
ngcagggagc	gacgcgncag	cncggcgacg	cngtncnnca	cccncggcgc	ggggngcgcg	840
cacgngncta	gaacgcacnc	gngggagcgg	gngggngcgc	cnacggncgc	cccgtnncca	900
cgcaennccc	gccganenna	ccggcngngg	cncgcncgag	nanangngnn	gccgcgagng	960

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acagggggag angacggcgg ccggaaggc cntnnncgag gacganngca cacgcacggg 1020
anaggggagng ggcnggcgnc ggnggggngg cnnngggngg nacnccgcgc ccgnanangg 1080
gaagngcggn cccgncgcga ggctnancga cgnnncgngg gggnggntcg acgcgcgggg 1140
gnggcatngg ncccgcnat ngaagcncgn gnnagcgccg cccagggcga cgggnanagg 1200
naacngncgn gggcaacgaa tggngngcgg gaannggcna cgnacnctg tgcgcnagcg 1260
nggngccgcc ncnagcntna gccgggggac gngacnnagg gcacgggnga cccgggacan 1320
tnangaagng nccgnggngc gncaggcacn gggnggcgcn gnggncgaag nngngcgaaa 1380
nggnacggac gngcgaggga cangggtcng cggnaaagnn gggnagcggn cggnnccnggg 1440
cggnggcncg g

```

1451

```

<210> 2519
<211> 1459
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1459)
<223> n = A,T,C or G

```

```

<400> 2519

```

```

cggnnnnngng ggnnnnggngg gnnnggggnnn nngnnnggngg gggggngggg ggnnnngggn 60
nnnnngnnnnn ggnngngngnn nnnngngngnn nngnnnnngg gnnnnnnngnn cggngggngg 120
ngnnngnncnn ngngngngnnn gggggngngn gngngngngnn ngnnnnngcnn ngngngngnn 180
nggngggngng gngcngnnnn nnnnnnggnnn gnnnnnnnnnn nnnngggggc nntgaaccct 240
ttgggnaacn cccnnnnnnn ccnnnggtggn gcncnggngn ccggcncnccn ccgagntngn 300
nngggggggg gggggggggg nnttttttng ttcngggcnn ccggncnnnn ngggggggnnt 360
gggggcnngg gggngngggg gggncctttt ncctnngggg gggngggggg gngngngcggc 420
nggcgggaggn gcgggncgan gacggctgtg gnggggngng ngctngggng cgagngngtn 480
nggggngggg ngngngcngg acggcggtgc ggcnggncna gggggggggg ngngganng 540
nggncgctcnn ggcggnntnnn ggggggngg gggggggggt cnctcgang cngncggggg 600
ngntgcncgg gggctggngc gggnggngtg ggggggggcn ggcgngnggn ngganngggg 660
ggtntnnggc cggggggggg gngngnaggg ncgntcnnnn gnnngggncg angggngaann 720
gntggngggg gnnccgngng nnnngngggn nggggggggg ngnggggngg nanaenggga 780
nnggngcacn ggggggncnn nncgcngnnc gcgggggtgag aggggtncgg nnaengggg 840
ggnggggagng gtgggggngc agcnnncggn gngtngngng cgcgcgnngg ggcnnnnngg 900
ngnggggggg ncggacncgn cggcggcgaa ngngngggg agatgngng gtgncggncn 960
gggngnggnc ggcgnnnnng ngngngngcc ccngggggng ngngggggga ggtgagcgaa 1020
angtgggggn cgtggggggg ngcnnatag gggggggggg gggggggggn gggggggggg 1080
ntgngggggc nncgnnccng gnggggngng ggggncnggn cnggggngng cgggggngng 1140
nnngacnggg gngctnggga gggggggngg gcnnngggng ggnngtagg gnnccgggtg 1200
cgnagnagg ggcngcngng ctaggggngg ncgnaagg gggcggggag ngacngngag 1260
ggatgngggg gggnggngn gnggngnggc ggaacnggg gngccnggga ggagcggaca 1320
taggnaagg ggggacgtng cgcgngagng ntgggncgg gggnggtgg aacnggggg 1380
cgncnccgg tggggggggg ganggctcg ngngacgtgc gggatgcgg cgcngganca 1440
acngngngng tgcngnncg

```

1459

```

<210> 2520
<211> 757
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(757)
<223> n = A,T,C or G

```

```

<400> 2520
agnntntnctg accntntcga ntccgngctg tcnnnntgt gnangctacc tgtnggaacn      60
tgnncaatgn ncanncnac atngtnggn tgnctaccgc acaggaaatg acnttctnctg      120
atgcatgntt nanccatgcg cgggtggattc tgctagattt ccctacctta tggctgaaaa      180
acttggcatt catcccagca gctgccatgg atggattttt ggggaacatg gcgactcaag      240
tgtggctgtg tggagtgggtg tgaatgtggc aggtgtttct ctccaggaat tgaatccaga      300
aatgggaaat gacaatgata gtgaaaattg gaaggaagtg cataagatgg tgggtgaaaag      360
tgccatgaa gtcatcaagc taaaaggata taccaactgg gctattggat taaagtgtgg      420
cttgcattta ttgaatccat gttgaaaaat ctatccagga ttcattccgt gtcaacaatg      480
gtaaagggga tgtatggcat tgagaatgaa gtcttctga ccttccatgt atnctcaatg      540
cccggggatt aaccagccgt tatcaaccag aagctaaagg atgatgangt tgcactaactc      600
aagaaaagtg cagataccct gtgggacatn cagaaggacc taaaaaacct gtgactaagt      660
gagctctagc ttgtagaaat taaaaacta caatgtgatt aactcgagcc ttaattttc      720
atccatgtac atggatcaca gttgnttttg atctttt      757

```

<210> 2521

<211> 1178

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1178)

<223> n = A,T,C or G

```

<400> 2521
nnnnnnnnnn nngnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn      60
nnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn      120
acnccccnttt ttgggaaac cccccnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn      180
nnnnnnntnn nngnngnggn ngncgngngg ggttttntnn nntttttttt ttttntnnnn      240
nnnnnnngnn gnnnnnnngg ngggnnnggn ttnggggnnn nnnnnnnnnnt tttttntnnn      300
gnnnnnnnnn nngnnnnnnn nnnnnnnngn nngnngnnnn nnnnnnnnnan nngnngnnnn      360
nnnnnnnnnagn nngnngngga nggngnnnnn nngnngngng nnnnnngnnc ggnnnnnnnn      420
gnnnnnnnnng ngnnnnnnng nnnnnngnng nngnngnnng nngnngnnngg nnnnnngnnnn      480
nngcgggnagn nngnngngnn nnnnnnnnnn nngnngnnnn nngnngnnnnn nngnngnnnn      540
nnnnnnnnnga ngnngnnnnng nncngnnnnn gangggngngn gnnnnngagnn gcannnnnnna      600
ngannngnnn nnnnnngnnn gannngnggg nnnnnngnngn nnnnnnnnnng nanannnnnn      660
nnnnnnngnga nnnngnnnnn nnnnnnnngn ngngngnaagn nnnnnnnnnnc nnnnnnnnnnn      720
gnnnagnnng nnnnnnnngnc ngngnnnnnn nnnngnnnnnn nnnnnnnngn ngngannngg      780
nngcnnnnng gnnnnnnngn nngnnannnn nngnngngtg ngnnngnnngn gnnnnnnnnnn      840
nnnnnnnnngn nnannnnagn gangngngng nngngnnngn nnnngngann ngagnnanna      900
nncnngnana gcnnnnngnn ngnnnnnnnn gnnngnnnnnn nnnnnngnnnn ncnnnnnnnnn      960
nnnnnnnnnn gnggngnnnn nnggnnnnngn nngnngnnngn gnnnnngngn nnnnnnangnn      1020
annnnnnnnnn nnannnnnnn nnnnnnnncn nnnngngnna gannngggnn gnnnnnnngnn      1080
annnnngnna nnnnnnnann nnnnnnnngg nngnngnggg angngtntnn nnangnnnnnc      1140
nnnnnnngcnn gngnnngnnn ntcagnnnnn nnnncncgg      1178

```

<210> 2522

<211> 813

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(813)

<223> n = A,T,C or G

&lt;400&gt; 2522

atntnttacc	cctttcgant	ccgttgctgt	cggtttatat	ccaggatccg	tgccctttcca	60
ccgggtgtgg	tgggccccaga	ggcagcccaa	ngagtgggtgc	tcttctgtcc	agatgagcct	120
tggtgcccag	aatggaaaag	aaatcaggca	tcggcctaag	aggaactgaa	agcaccacca	180
actctttcca	gggccctcat	tttgaataga	attctctctg	ggtggcagca	gactcagctc	240
tgggacattt	tgccctccacc	tggaccttgg	aggctgacag	tggggagggc	tgggcctaga	300
ggaagagcag	aaatggggaa	tattttggaag	cggaggctgc	tggacacaga	gacctcctgt	360
tgggggtagt	acgtggagac	agaaccctgc	ttctgggcat	cctggggtag	tactcacagg	420
ggcagggggc	ccangcatct	tgccagagcc	aaaaataatg	agccaangct	catatccctg	480
cagttggctt	ctcaatcacc	gttcagtacc	ttctatgacc	cccaagtaca	aggtggncct	540
taaccatttg	tcaaatgcat	tnactnttc	ttcctttttc	ccaatttcta	aangggttct	600
ttgggaagtt	ccatcttgaa	cctgtggttt	tcaacttttg	aaccgaaaat	gttttaagga	660
aatttngggc	caaggaaaaa	aactacttcc	nttcattggg	taagcccttt	gaatgggaaa	720
gggttttttc	ttgaaacca	gtngatttta	aaaatcccca	ttggggggng	gggtttcccc	780
aaaaaaacc	ttncnttttt	natttaaacc	ttt			813

&lt;210&gt; 2523

&lt;211&gt; 1619

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1619)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2523

cncccccac	ccnccngac	cccnacnna	ngggannann	nnaannnnnn	nncnncngnn	60
ngnnnnnccn	naannnnnn	aacnangnaa	ccgnnnnancn	ngnnnnnnnn	cnnnnnagnan	120
aggnaanagg	aggangccgg	ncngcanncn	cgnnnnccng	nagcgcnegc	cagccggacn	180
ngngaggunc	cnngcgnggc	ggaanccacn	gcgcnangcg	gancgnacnn	gngnngaacn	240
caccnncenn	nncnncnncn	tcgggatacn	ggaaaaacct	ttngngaaaa	ancccncca	300
ngnnngacac	aagaagncnc	acaccangac	ccccnncccc	ancngcngcn	ancagcgngn	360
gngggccaat	tcnaccctnt	cncnaagag	cncaacgncg	ccagnncnca	acnggcnag	420
naccnngnag	gancaannac	ganaaaanng	nacgccgngc	acagcanncg	nacgnnnac	480
gcncnngncc	accncccgcn	ggggngngan	annccacgnc	gcgacgnaag	ccgncccgca	540
cgccacnacg	accgcnccca	cgccccgacg	naggcggaag	cacgccgccc	gngangacan	600
ncngnagnng	cgngncngag	cgcanacggn	acncnangca	naccngancn	gagcacnacg	660
cgccncaccc	nncccggnagn	nncaaaacnc	nncacnagg	ancncgcnan	cccgcgcnc	720
cngcgncgca	cgncgcanng	nagnacnccg	cgaccaagcg	nccgcngcga	ngaacgnnag	780
caacgaangc	ggcgcnngcg	nnccgcnnga	ncnaacggac	gcacgcgcna	cagcngcgng	840
nagacggacc	nggnngacac	cncagnnccg	ncncgagacn	ncgcnngccc	ggcgaaacgac	900
cncgcccggg	nngggcacgc	cacaacgngc	gcncnncnca	ccnggcnncna	nnnannnaag	960
caggaccgca	gagaacgnaa	cgncagacac	gacanacanc	gagggngacc	acgcacagcc	1020
gngcancnna	gcnacngngc	gncaancaca	cgcggaacgn	cgncgcgagg	cnacgctngn	1080
gnacngaacn	aaacgggacc	gcggggacgn	cannacacga	nnncgcacgc	gngcngcgac	1140
ncggcncggg	angcgagaca	acgaaagcgn	cgnnanngca	acncnacgcn	cccaaagcac	1200
acgnaanggc	ncaggagngg	ccnanaaann	ganacctgcg	cacgngngcg	caccgagacg	1260
agcacgcgag	acggccngcn	gagggnaagc	gagacgcaa	caggcgcgcc	gacgagcggn	1320
ccncagnccg	aaccgnagna	acccggggac	gnncgncgnc	gcgancgca	cgcnnaaccg	1380
agacgcaccg	aancacaccg	acgacgcac	gcgnagccaa	aacganaagg	gngggcnacc	1440
ggacaggnaa	nggancaaac	agcnacgcca	ccgnacgnaa	cgacccgcac	gggcaggcnc	1500
gggacganac	annnnaanng	agncannccg	gcgacgggaa	acgcncgcgt	acgcagnngn	1560
aaancgnnan	cgcacngcgn	ccgggnacac	gncccgcaac	gnanacggac	gngncgcn	1619

&lt;210&gt; 2524



<211> 756  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(756)  
 <223> n = A,T,C or G

<400> 2524

nttttacnt	cgnttcganc	cgttgctgtc	gaatctgtaa	acctttatga	cattaggaac	60
taagaaaact	tagtcccttc	gtaggggga	taatgaaatg	tatttagtgt	ttgtgaaaca	120
tagatgggta	tgtatttggg	acaattctgt	aactttgctt	tttttatttt	tatttttcca	180
tagcttattg	gggaacagg	tggtgtttgg	gttacatgat	taaagtcttt	tagtgggtga	240
tttgtgggat	tttgggtggac	ccatcaccca	agcagtgtac	actgcacct	atgtgtaatc	300
ttttatccct	cgccccctc	ccaccatgcc	tcccgtctac	catgatgatc	ctgtttttaa	360
taagaaaata	ccatttcgca	ggctccagat	gttctggcat	cctccctgtg	gatttcccag	420
tgctgcagc	tcacaggaca	acaggggctg	tggtagagtc	acctatgaga	tcctggagta	480
gtggatggag	gagatggaac	agtgaagacg	gaaactgagc	tcagtatccg	ggtgccagga	540
gacaaaggcc	ctttgctttt	tttcatttaa	tattctgata	tacctctgtt	gacacatgtt	600
aaagtatagt	cattttgact	gctatgtatt	atgttccatt	ggggggaaca	tactggaatt	660
gtcacttcaa	tctatactgg	atctcctggg	tgtattttaa	aggtttngtt	tttttaagta	720
gttgggtatt	tccaactnaa	acctcaaaaa	actttt			756

<210> 2525  
 <211> 740  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(740)  
 <223> n = A,T,C or G

<400> 2525

tntntnccgc	tntcgcgatn	ccgttgctgt	eggagaaacc	aaacaggtaa	aagcaagtgg	60
tgaagccaca	tggattaatg	agatgataga	aagtacaaaa	tcactatgta	agtcagatta	120
aaaagccagc	ttgcactctc	tgctttcatc	tttttgaaag	aataactatt	acataaatca	180
gtgaatacag	tattttctaca	gtatttgaaa	cggtgttcac	acccagcaat	tccacttcta	240
gacatatatc	caagagaatg	gaaaacatgt	gcacacaggc	acttgtacat	gaatatttat	300
ggaagcatta	ttcacaatag	ccaaaaagtg	gaaacagtcc	aaatggccat	caagatgaat	360
gaataaataa	aatgtagtgt	gtgcatgcag	tggaatatta	tttgcccata	aaaagaaatg	420
aagcactgat	gcaggctgca	acatggatga	acttgaaagc	tttatgctac	gtgaaagaag	480
ccagtcataa	aaggtcacct	actgttattc	ctttcatagg	aaatatccag	ataggcaagt	540
ccatagagac	agagaggaga	ggagtgggtg	ccaggggctg	ggcaaggaga	atgagagtga	600
ccgctatggg	tgtggcattt	ctttgtgagg	naatgaaaat	gtctgttttag	atagtgggtga	660
tcattgcaca	ctctgtgatg	tctaaaatca	ttgattgtca	cttgaagaat	atttagttgt	720
attattctag	ttaaaaaat					740

<210> 2526  
 <211> 722  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature

&lt;222&gt; (1)...(722)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2526

gagggctatg	tccatgcggn	cctcaaacna	cgtaacatat	tgtggagtgc	agagaatgaa	60
tgttttaaac	tcattgactt	tggacttanc	ttcaaagaag	gcaatcagga	tgtaaagtat	120
attcagacag	acgggtatcg	ggctccagaa	cagaattgca	aaattgcttg	gcccangctg	180
gcctgcagag	tgatacagaa	tgtacctcag	ctgttgatct	gtggagccta	ggaatcattt	240
tactggaaat	gttctcagga	atgaaactga	aacatacagt	cagatctcag	gaatggagg	300
caaacagttt	ctgctattat	ttgatcacat	atttgccagt	aaaagcaant	ggtgaatgcc	360
gcaattccag	cctatcacct	aanagacctt	atcaaaagca	tgcttcatga	tgatcccaag	420
caggaagaat	ttctnctgaa	atggcattgg	tgcancccat	tctttagcna	ttccttttgc	480
ccctcatatt	gaagatctgn	tcatgctttc	cactccagt	gctaagactg	ctgaatgtgc	540
tgggntgatg	attatcttga	gaatgaaaga	aggattatga	agatgttggt	gaagatgnta	600
aaagaagaag	tggcaaaaat	nttggaccag	ngggattctn	tacttggtnc	caaaaggaaa	660
aatccttggc	annaaggana	angtctttgg	ctgagtattg	ccaaatgctg	gnngatttcc	720
ct						722

&lt;210&gt; 2527

&lt;211&gt; 1163

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1163)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2527

gggnnggggn	nnngnggggn	annnnggnnn	caannanang	ngnnnnnnna	nnnnnnangg	60
naanggnngg	ggnggggnaa	ngaaaaannnn	nnngcnnaan	ccnnaggggg	gagaagnann	120
nnnnnanggg	nannaaannc	gncnggancn	ggnanggnna	aannnnnga	ggngngngng	180
annncgcana	aggnncacgg	annggganag	ggnnnnngan	nnnnnncaan	nngangggag	240
anncgnnnna	anccannnnn	nnnnngnnnnn	tcgnnanccn	naaagcccct	tnccggnaaa	300
gnncnggggg	gggggancaa	gggnggagcg	gaccgcngca	cagaggccac	caccanacnc	360
gaccennagg	ggaggggaag	ggagcccnnt	nnnttcccan	gcnggaagag	gancgcgncg	420
canngggggg	gggaggggga	nanaggngcn	nggnnagcnc	acngnnagac	ggngcnngng	480
ggaggacgcg	aggngagcac	ngncgagana	gncaggcgcg	cagagcnagg	aagcgcnccg	540
gggggggagc	aggcgaanag	gcagcnaaag	ggncctatcg	agagnggncg	ccaggcgacn	600
ncggcgcneg	gcnnagnncn	nngnangana	nagccganga	ncggnnccc	ncancgncga	660
gcacaggnng	agcgggcgan	nggngnngaa	cgnggcgngg	cacgggggcn	cagganangg	720
agggaccgca	ngaccangnn	agagcnnngn	ggcagggggg	cnngganaaa	cacnggnaaa	780
gncccggcgg	gaagggnanc	cnccggnggg	nnccnccnnn	nccgngngng	ggggngcnnn	840
ggcngggngg	ncgncnncgg	gnncgcennn	ngcacggac	cgccacacgn	ggacgagagg	900
gcnagcgggg	gccgnaggng	ccgngnngcc	annaagacag	agcgncggga	ngananggac	960
ancgggagag	naggggcgng	gnncgcncac	gngcgngngac	ggngggagnga	gacgggggag	1020
ngncnannca	nagcngaagg	ggngcgggnc	gannggggnn	acnccggnga	ngagnaancn	1080
ngggggcneg	nnncgcngng	aaannnggga	gnaccgngna	ggcanangan	cgnannnnna	1140
gaaaggngaa	nanaccccc	ncc				1163

&lt;210&gt; 2528

&lt;211&gt; 1347

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

<221> misc\_feature  
 <222> (1)...(1347)  
 <223> n = A,T,C or G

<400> 2528

nnngnnanan	nnnnnnnnnn	aaannngnnnn	nnnnnnnnngn	nnnnnnnnnn	nnnnnnnnnn	60
nnnnnnngcn	nnnnnnnnnn	nnnnnnnnnn	nannngggnnn	nnnnncnnnn	cnnnnnngnn	120
nnnnngnnngn	nnagnnncng	nnnannngna	nnnnnnnggn	ganngggnnn	ngnnnnnnnn	180
nnnnncgnnng	nnannnnann	gcannnnan	nnnnnnnnnn	nnnnnnnnnn	nnntccntaa	240
tcctnnnaaaa	accccttttt	ggggaaaaaa	nccccnnna	nnnnnnnnng	nnnnngnagg	300
gaancnnenn	ngcncgcnnn	ttnnntnnnn	nnngnggcgc	nnatnnnnnn	gcgnnnnatn	360
nccncgtttt	ttttttttcn	nnncgngnan	nnngangnann	aggaggagg	nnnngttag	420
agnngngcnn	anngagaach	ttttnnacna	nnccganncn	cgnacngcn	gngnaannnn	480
gngngacngn	acngncnaga	nnngcngana	ngacncggan	gacagnnacn	cannnnnggan	540
gnncngacng	nnennnagn	agancngca	gggacaagcn	ggggcgcgga	nnanangcga	600
cggnnnnnagc	nccancana	cnancngnn	nnngcagnaa	nnnnncgaga	cgnnagagan	660
aagagngacn	gagcnnngtc	anncggcgna	ngnnngnacnn	ggngngggnna	ggcgcgacgc	720
gagnangaga	nnncgaanga	cgangggnnn	nnngcgagggn	ggagacnacg	nannnnnnnag	780
nnnagcnggc	angaannagg	nnngcnganna	ngaagggaanc	ggcgagnann	nnaccgancg	840
annaangann	ganacngngc	nnngcaagna	nggtngnana	ngnnnnnggga	nggcangcan	900
ggnnangnaa	nnngannngna	nnngcnaaggc	nnngcngnann	annngcangc	acnnngnacng	960
nnangacaaa	nganancgna	agggaaacgg	ggagcggnaa	gcnngnaacna	agcgcgnggn	1020
ngcacaangn	cnngggcggn	gcanangnga	cngnnncgn	acnagnnnng	acgnngaang	1080
cangacnaac	gngnnnggaa	agggnnngagn	annnnnanggc	aacgnnnnnng	gnnngnnnag	1140
ncanggnanc	ggaacnggaa	ngnanangna	gggcaanana	cgcnnaancn	angnnncgca	1200
cggcnacgca	ncgnnnngcnn	annnnngcgn	ccngnggaac	gnangnanac	gcaaanancg	1260
nngggggancg	angtntcgac	ngngnagnca	gnangnagg	acngannnat	ggannngangn	1320
acgganggan	ngaancncag	acngngcg				1347

<210> 2529

<211> 1126

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1126)

<223> n = A,T,C or G

<400> 2529

gnnccgnggn	ngngngnnng	gnggnggngg	nnngngnnng	nnnnngnnng	ngnnnagggg	60
nnngnnngna	nnnnngnnnn	nnngcgnggg	ngggnngggn	nnngannncgg	ggggnnngtn	120
nnngggcngga	ngggnngnnng	gngggngnag	ngcngnnng	nnngnnngnn	nnnnnnnnnn	180
nnngnatntg	ntttttngga	ccttggggna	gncnggcngn	gnggggcngg	agnggcgtng	240
gngggcggnnn	gncnnngggg	gggcnggggg	nactttntn	ggggtttag	gcngccgcng	300
gnnccgnggg	gggggagcgc	nagggnggng	gngcggtg	gngggngtag	ccngggngga	360
gaggnngagg	cgggnagggn	gngnggggn	ngcgagaggc	aaccggtga	agacgaggca	420
ggggantggc	ngnggncgcg	ngnnnggcgc	ngcgccgcnt	gtcngggggg	aggggngggn	480
nggcagggng	gcgccggggg	ggggcggggg	nnngggangn	gngggangaa	ggcncggggg	540
gggncgagct	tgannggcg	gngngggaat	ggcgnnctg	ggaggccggn	gttgnnggag	600
cgnncggggc	gaggggggag	ctgngagggg	ggggcggang	cgccgnggan	nggagngngg	660
gngggggggn	ntncgangan	gggagggcgc	ggangaggnc	ggntagaang	gnatngccgg	720
gtggggcagg	gngggganga	ngggngtcgc	gtnaggngg	tggggggggg	agngnggggg	780
gnnccnngg	ntggagggg	ngnnnnnnnn	gaggggnggg	ngacnanggg	gnnnaggggg	840
gagaaggngg	ggtagccggg	gnannncgcg	gcggcggtt	ggncggaggga	nagggngggga	900
gggggntgga	gggggngngg	gnggcggcnc	catgngggg	nggggggtngg	gagggngcngn	960

```

gaggagggngg gnnngggggg ntgcannagc tangngggag atcggggngn cgnnngtgan 1020
gngacgggan ggtgnnagng anagngtgng ngnggcngag cggggtgnng atngctnagc 1080
gnaggagcgc gcgtgtnnag nacggcggaa ggnnggcggg ggagcg 1126

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```

<210> 2530
<211> 989
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(989)
<223> n = A,T,C or G

```

```

<400> 2530
gnnnnnngnnn nnnnnnnngn nnnnnnnnnn nnnnnnnnnn ngnnnnnggg gnnngnnngn 60
gnnnngnnng gggngngggg nnnnnnnngn ngnnnggggn nggnnnngnn nggnnnngnn 120
ngnnnnngnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn gnnngntcgn gagacccttn 180
ggggngnncc cgggcngncg gccngnggcc ngcgcgggcn gggngggggn gggngcangg 240
ncaggcgggg cngctgcggg gtectgcccc nccnncngag gacncgggcc nncgggnncn 300
gcggcgngnn ccagggcngg nggggcngng accngggccn cgacnncncc ngggannccn 360
gcgcnagcgg cgggggncnc nggcgggaca gngcgcnngc ngncnnngng ccnngggaca 420
nagagacggn gccncggngg cccnngcgcc gnggggngga gccnnggggn ngnnccnca 480
gaccnccng ggnngnggga cnggggncce cnggnggggn ggggaccaag gancccggcc 540
ggcncgggng ggggggcccag ccncccnng ggcngnggcn ggggggggcc cngggncggg 600
cgnngccncc nnngeccngg ccnnggncce nnnngcgggn ccnngggcn gngggggggn 660
ggaagcagnn gncnnnccgn cgancgngg ggggngcng ggnnnagggg gnggngggg 720
gcnncnccng ggggggngcg nnnnggnggg gggggggana nggcnngggn ggcggnnggg 780
gcccaggnnn ncgggcggng gncnngggg ccnccccn cngaggggna nggncnngg 840
ggggggaggg gnggnggngc cngngggnnc gnggggggnc gggnggggcc ncngganacg 900
nngggggggn ggccgggggc ccnngcngg gnggggggna naagcnnng nngggggng 960
gggggggggg ccnccccnc nccccngc 989

```

```

<210> 2531
<211> 751
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(751)
<223> n = A,T,C or G

```

```

<400> 2531
ttaatcttac ccctnccan tccgtgctgt cgettgtaca gtatttctac tttttattct 60
aatcaactgg actgttgcac tatttttatg tagattgcta acaaggtttt tgaagaaaca 120
ctcttaaaag tcataaaagg gaaaatcttg acagttcttg gatattgcca cccttgacct 180
tttgagagaa ttagacagc atctccagg catgacgct agggatcgtg tttatctgtc 240
atcagttggt gactccatgt ttattgaca ctggctataa gccagacttg gtgaggact 300
gaaacaatta caagacacag ttctgcaact gaagaaatag gaatcaacct aagatttct 360
gtcctgctag gtcacaggt tcctgtccca ctacttctc tcctctacca aattcactta 420
tagcctccaa gtatgtaac tatcaatagc acccctttca cccccaaaag tgcctaatt 480
tggagagtaa gttgtatgat caccctacct acagtctgcc tgttttccaa tgcacacttt 540
gtctctcccc tgccttgggt acatgtgtgt cctgaggcca ctttccagat ggtcttctc 600
tgtcattact ccagcatgtc antgctttgc tcaaaaactg ctaactgggg tcttcattgn 660
gggtaataaa tccattttct tatatcatgt agccnaaagc tctnttccaa tttggaaata 720

```

ctaanagtaa ctcctattca tgaacaggac n

751

<210> 2532  
 <211> 708  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1) ... (708)  
 <223> n = A,T,C or G

<400> 2532  
 nctccaaaaa tttgcttgat cttgggtctt gttcagggca gaaagagata atacaaggct 60  
 ttgggtgatgc ttagcatttt agaagaagta atgctgggtg ggaaatggat ttggcagctc 120  
 cgtttttcgc atcattggaa tgggagtcctc tcacagttgg agacaggatg aagtaacaga 180  
 gcgtggggat ctggattaac aggtggccat tcgcagaaaag gaggctgcaa agcaagaggt 240  
 gggggcttct ggctgagcag gaagtgggag aggggcatcc ttgtgaggag cacctgtagt 300  
 gctggggttt gggcacaggc aggcagagga ctttatctga tcctctcaa taattttgcc 360  
 tctgcttggg aggggttctag ctacaaaggc aacatagcag gtagtgcttg ggtgtgatgg 420  
 tgataggcac agcgggtattt taaatactgg tggtagcttt tangaaaaag aangtgacga 480  
 gtncctgggg aaagtccctt gtggtggccc atgactcacc cgtggcccca aggggaccag 540  
 aaccagaacc aagggaagaa ttccatcaac cgaatgggaa acctttgtct tttttaaggg 600  
 ggaccaagga aanccttttt tttgtgttgg gttgggccct ggtnggcntt attgaaggaa 660  
 gaaggtggaa canttttnaa acnaaaaacc ccanggcccc nttttttt 708

<210> 2533  
 <211> 1199  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1) ... (1199)  
 <223> n = A,T,C or G

<400> 2533  
 gaatagtgtg aaaaaccccc aaantntnna naatttccgn gaaaanattt cccccggttn 60  
 ttgggcnttg ggttnccgan aaaaaaaaaa tttttccncc caagnttatt ccancctccc 120  
 nctttacgag cntnggtggg ttttnccttn ccaannggan natgggaacn ccggnagnnn 180  
 ngngngctan taataaatta nnatacnatn nnnagtnttg gannataata tanannaacn 240  
 annnattacg gnggagtant tttnttacta tnaanancaa atntgtnaca ntactnaata 300  
 ttgananatg tnataaatta aatagaacaa tattnnnatt ntaaaaggaa naaaatatna 360  
 ttananaatna anagnnngaa gtanaataat aanataattn nntatnatte tatgggaatan 420  
 aattanaata taactnaatn nttntaanana ganncttaca atctctntgt ntatatnana 480  
 anaatcgaaa attattactt actanataata aantatntan tcatnntnna aatnntaata 540  
 tanatatent tacaatanat nattattaat aacttaana aacanantc ntatantttt 600  
 atancnanat aatacanana anatttgatt nataatnana tanntaatta atttataata 660  
 tatanttatc nannataaaa nnatntatna nntntnnan aaatatangn anaantactt 720  
 atatcnanaa atanttaaaa naaatatcna ctantaatag aactacattt atttanatca 780  
 ttcattnnant tttcatagan anntatnaaa tcntattatt nacanntnat ttaatttana 840  
 tntaaactta tantatnntc tacnnataac tannttaaaa tnatatnnan ttattnnat 900  
 aatanatatc tantataaat ananntanat aataaattta atnttactna ntatatatat 960  
 tnataagctn ttnntatata tagatnatan gaacnnantn atattnnatt anaanataan 1020  
 nanatatgta tatatanatc ttacntnttt catatataat ntntnttnac atatatnaat 1080  
 ntatctatct anttcatcaa tactatttna tacaattata aacattatnc tnnattttnn 1140

naaatatata ttatnantaa ntntntctct annntatana taantatana annntttnt 1199

<210> 2534  
 <211> 709  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(709)  
 <223> n = A,T,C or G

<400> 2534  
 naaccncgnt cgantccttg ctgtcgaaaa gaacttaaaa cgttcccaca ggcccntaaa 60  
 agtccttgta gttctggcat tgtggttcac acatcagatg cccaagttgg ccctgggccg 120  
 cagcagagga gggctttgat gggacttagg gtatcacagg tgtgtctctgg ctgttggtggg 180  
 gaacagactg taggcagcca gtgtggaagt gcagggacct ggaaggggtt gactgcactg 240  
 gccctggaag gccctggtta gaggtggtga gggtgaaaat aaggttgggg gggccggggcg 300  
 cgggtggctca cacctgtaat cccagcactt tgggaggccg aggcaggcag atcacgaggt 360  
 caggagatgg agaccatcct ggctaacacg gtgaaaccct gactctacaa aaatacaaaa 420  
 aatttagcca ggcgtgggtg cgagcatctg tagtcccagt tactcgggag gctgaggcag 480  
 gagaatggcg tgaacccgga aggcggagct tgcagtgacc tgagatggcg ccactgcatt 540  
 ccacctgggc aacaaaatga gactncgtct caaaaaaaaa aaaaggaaaa aaaaggaaaa 600  
 aaaaaaaaaa aanntntntn nggcntttt tttctantc cccaantttt aaaaaaantt 660  
 ttgtnggatt tngencaccc nccctttan tnntnnnnnn nnnnnnnnn 709

<210> 2535  
 <211> 746  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(746)  
 <223> n = A,T,C or G

<400> 2535  
 naaccacgat cgantccgtg ctgtcggttt ggtttatata taatgagggga agaagatgat 60  
 tacattatatt ttgtcacttt gccatcattg tttagaagtc atagaaagaa tttttaaata 120  
 ggccaataag tcttaaaactt gagtacttgg cttagaagaa agtcaaaact ctttcctttt 180  
 tgactaagtg gtttgtttct ggggagctct taatttctat ttttataatc attagcctat 240  
 aaggaaaattg tgtcttccct gttctcaggg tgatctgctg acctgtttca ctcatgaagc 300  
 atttgggtat catacttata gtgtctgaaa cataaaactgt attgagctag acaagggtata 360  
 gcctcctctt caagtagcaa atactatcaa aagctataat gcagtaggag caaggtgggtc 420  
 cttgttccag tttttgtctc agttctgctg ctgatgtacc atgatcttg gaaggtgggtg 480  
 tctcagtgtg gagatctgac acattgttac cgtgectcct ggctggaggg acttggagaa 540  
 caatgcagtt aagtagaatg gggtttaacc aatacagaga aaatttattc cattttaaaa 600  
 taaaaaatct ggatttttta agaacctttt aaaaagcttt tggtagcagt ggtaaaataa 660  
 gaatttaaat ggtattttta acatgccttt tatcaagcnn ccaaaatnaa agggattttt 720  
 aaaaattttt gtcnnaaaaa aattaa 746

<210> 2536  
 <211> 708  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(708)  
 <223> n = A,T,C or G

<400> 2536

naccacgatac	gaattccggtt	gctgtcgcaa	tttctgagtc	tctttctatt	taatgccacc	60
aattttctgag	gaactagagt	gcagagtgga	ttgcttttca	gctttttcta	ttaggattca	120
gatagctttt	taattgctgc	taatatattt	gtcattcata	ttgctttttt	gttttcacaa	180
ttcagttaat	attttttctt	ctcattcatt	ttgactttgt	aggttcatgc	catttgtaaa	240
accctctttg	ttgtcttttt	attggaattt	tgagagggag	ttaaatgtct	gtttttaatc	300
taccatcttt	aaacccaaat	tccagctatt	taatttcagc	atgaagaatt	gcattaaaaa	360
cagagcagtg	aatcatttta	tgaataataa	tgctggattt	tatttttaaa	aattatccta	420
gcctaaaatg	tttaggatca	tcatagcatt	aagagagatt	tatatctggg	aagaaatcaa	480
aaacatcgtc	agttttcatg	cttaaagtat	ttaggatcat	aatagcatta	agaaagattt	540
atatttggtg	aaaaatcaaa	aacatgggtc	gttttctagt	ggaaaatttt	catggcacta	600
taaactctta	gtaacaagat	tttctatggg	tagnctttgg	atatcttttt	ttttcttaac	660
agtagtttat	aaaaaggatn	aaaagctgnc	atanggctgg	gcccagng		708

<210> 2537  
 <211> 710  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(710)  
 <223> n = A,T,C or G

<400> 2537

tcctcgntcg	antccggtgc	tgctcgcaatt	tctgagtcct	tttctattta	atgccaccaa	60
tttctgagga	actagagtgc	agagtggatt	gcttttcagc	tttttctatt	aggattcaga	120
tagcttttta	attgctgcta	atataattgt	cattcatatt	gcttttttgt	tttcaaaatt	180
cagttaatat	tttttcttct	cattcatttt	gactttgtag	gttcatgcc	tttgtaaaac	240
cctcttttgt	gtctttttat	tggaattttg	agagggagtt	aaatgtctgt	ttttaatcta	300
ccatctttta	accaaaattc	cagctattta	atttcagcat	gaagaattgc	attaaaaaca	360
gagcagtgaa	tcatttttat	aataataatg	ctggatttta	tttttaaaaa	ttatcctagc	420
ctaaaatggt	taggatcatc	atagcattaa	gagagattta	tatttggtta	gaaatcaaaa	480
acatcgctcag	ttttcatgct	taaagtattt	aggatcataa	tagcattaag	aaagatttat	540
atttggtaaa	aaatcaaaaa	catggtcagt	tttctagtgg	aaatttttca	tggcactata	600
aatcttttagt	aaccaagatt	ttctatgggt	aggctttgga	tatctttttt	tttcttaaac	660
ngtagtttat	aaaaaggatn	aaaagctgnc	atagggctgt	gcacagnggg		710

<210> 2538  
 <211> 1565  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1565)  
 <223> n = A,T,C or G

<400> 2538

caattccata	annntnnann	tacanateta	nataatntng	ntnngnnant	tnttatatat	60
tgantaantn	tatnnatant	cttttnanggt	gaanactntc	atgtcagctn	naanaatttt	120

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annttntagn gggcanntca tatattatgg tatctgatan nantggnatn ntncctntgn 180
nnnnnnnnnn nnnnnnnana ccnngtatcg antccgtngc tgnnantata antnnengnn 240
tncccccctcg ttgangtgta aattatnata tagnggttnn cactttatat tctttttttc 300
attatattct tttactcttt ctannannac tgnntttnt ttnttaanat naatgacnta 360
ntctcttant atcnantnt aanaannnna tcatantatg anntnannta annnttantt 420
ataatangan ttttattntn antnntntnt nattttanta tgnattncat ntatnnnct 480
ttttgatgat aanccttnaa natatattnt ntatantact tcaannnta tnatcttnt 540
nttatanant attatata tgtattatnc tntntaacta ntantttnt tantaantat 600
nattnatanc ncatntaatt tatatttcnc actnntttnt ancnatcata gttanattnt 660
antagtaacta tcatntgtaa tntatttatt attttgatat nnnacttnt ntatagtatn 720
ntatgtntat atataantna tataactatnt tttatnagtt acattatata tngtaantn 780
ttatnttna tngtaantn ctaaaatata tttcgatttn ntcaannntn atntnacgtt 840
atagtantta cnatcntatg taangatata cgagttaata naannaaana taaaatcaca 900
antangtann taatagntaa ntatnattct atantatnt naaatctnt atatatatnt 960
nattgactan ntaatcgnat atattatctn ncgctattnn annatcgtnc tntnagctct 1020
tnaatnttnc ttanaaatanc anntnnanaa ctgtnanctg ttnatatatn ntntanntct 1080
atcatntnt tatctttctc gtataaant aaatnatatt tctcngtntg nntannntat 1140
aaantntnt taatcataaa cttatactna tcnttttata tcttattgac attncntaaa 1200
tatnttantt aatnatnagc tacaantatc taagctanat tntattgtat anatttanat 1260
agtntatttn tantctgtta taagttaaac tattantgta tgtgtctgnc acgtcatntc 1320
aattnttcta atactntatc tntntnaant attatgtgtn tgaagntatc tttatgtata 1380
nmtgtatana nantnactat natntntata ngtaatatn nttantcnaa gnaatantga 1440
tanttctatn tntctacat nttnantatn tatntnttc tctcncatc aangttcata 1500
nntttagtta cnntatnagt acaatcntta acgtatacga tcttatctct ncacacgnnt 1560
gatnn 1565

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&lt;210&gt; 2539

&lt;211&gt; 723

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(723)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2539

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naccncgatc gantccgtgc tgtcggcaaa atagtatttt ctattactgt gcaggggaaa 60
gggatggatc gatacatgca aatttaattg agtaactcac tttccatat attttgaatg 120
tatatttcta tttatgatac caatttataa aaaataatta cacagaaaaa atggaatagg 180
aaaaattatg catctagcac atttaaactg tgcaaatatg aaaatttttc gaggattaca 240
ttttatctga aggctgcata ttttaactgg ctttaaaact gtaacacatc acataaaaaga 300
tactttacca ggtatgtatt gcattatatc attgcaataa ttattggaag tctagatata 360
gagccatccc aggtgttggg cggggggagg gttgtggcaa gattgtcttt tcaatttttg 420
agagttttcc tgtggctaca aggcaagtaa cgggttgga aaagtctgac tgtaagccgt 480
tggacacctt catagtgtag tgttttagtg acttttttta tacgggtctt gtaaattaaa 540
atcnttgtaa tgggtgtttc aaaaatggtt tgtttatgca ctaattcaga caacttttcc 600
tgggtacttg tcttgataaa gtgaaaactg caggggaaat aaaaaaatnc ntntcaaaac 660
cttaaaannan nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 720
nct 723

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&lt;210&gt; 2540

&lt;211&gt; 733

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens



<220>  
 <221> misc\_feature  
 <222> (1)...(733)  
 <223> n = A,T,C or G

<400> 2540  
 tnaccttnnt cgaatccggt gctgtcgga acactaatgg ccctccctgg aacagacacg 60  
 gcgccccccc acagaatagc ctcgatgccc cctggaacag cctcggtgcc ccctggaaca 120  
 gcctcggtgc ccctggaac agcctggtgc tcttgaaca gacacagccc ccccgagaaca 180  
 gacacagcac ccctggaac agcctggcgc ttcctggaat ggccacatcc ccccatcctt 240  
 tctgtgctgc tttaggcac tgccttacg tggttcgtgt ccagctctgt caacaaggcc 300  
 agctccacaa gaggccccag ctcagccctc cccagtgggc tcccctactc aggcctctggg 360  
 tcagcttctt cccaggaggt gtcctggccc ctgtgctggc cccgcctcgc tgcctggaca 420  
 cctgtccgtg ccacctggt cactgagcag gacatccgct tctgtggccc ctgggacctt 480  
 gcccccgaca gccaggcctg ggtttgtcct tttaggtaga gtgcctggct caggctcattg 540  
 gaggagaagt ccacatggcc acctctggcg tgttctaaaa aggccctccc gcgcttggtt 600  
 caggaggcca gcatcgggga acaaggaaaa angggggctt gagcttctctg gttccttttc 660  
 ttnccttccc cgaaggnaaa anaaacattt cccattccga atgtccaatg gcgcttacca 720  
 gaattcnttc cnt 733

<210> 2541  
 <211> 708  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(708)  
 <223> n = A,T,C or G

<400> 2541  
 naccacgacg gantccgtn gctgtcgccct gggaagatat atgtctgatt ttcggacttg 60  
 gaagcaagat aaaggaaaaga ggctgctggt ttatggtata gagattttca ctcgttaaga 120  
 aagtaacaaa gtaagggaagt aggattattg tagaaatatt attttacagt tcaagtttgt 180  
 aaaacacagg tgaaggtaat cgttggtggg tctcttctc tgagatcacc aaattatctg 240  
 tagactggtt ggtagacttg gagagaccac ttgttcttgg acaacagtta gaagcatact 300  
 gccctaagca gtaaaaaagg gattgttgag ggcagcaaga ggcggtgtaa cataccagtt 360  
 catttttctt ttcttagcaa gcatgtacta attgcctttt aaaactcctg accatagggg 420  
 ataaaacgat tacaagaaag ataccttccc tgctcccatg gaatttacat tctagcacia 480  
 cagtggatat taaacaacgt atcatctggt tatgtaatta cagtaataag aatcatgtag 540  
 gagagggtcaa ggaagcttac tgctgtgggg ttcaggatgg catctncgaa agtatgaata 600  
 aggaaagtgg tgggagaata aaaggagagt ggcagagact caaactgaga gattaattga 660  
 gataatgaca attgngggat tcaatgaggt gttaatgtgt tagncctg 708

<210> 2542  
 <211> 718  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(718)  
 <223> n = A,T,C or G

<400> 2542  
 tnaccntnt tcgaattccg ttgctgtcgt ggaggcttac taaccaggta agccttctat 60

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gcatccacac caaaatcctg cagaatgtaa gtaagctctg ctttataaga tgggttcacc 120
ttcatcgcag actgaaagt ttcagttttta tttttttcag aaagcacgaa aaattattta 180
taatagtctg gagaaaaaac aactgtaat atttcaagt tatgcagtag aatgtactgt 240
aactgagccc tttcccatat gtctaggctc caatgtctcc tgtaggtcca cctaactgtg 300
tgttttcagg gacaatgcca tccatgtttg tgctgtagac ttgctgctgc tgaatccttt 360
ctggggactt tctcatcggg cagggagcag agggcttctc gttcatgcac ctttgcctg 420
aacacccatg tagctgctgt gttgtgtata tattactctt aagaggagtg tgtgtgtctg 480
tgtttggttt aaaagtcact tatttcttac agtgatttca attgcacat gacttcttca 540
ctaaaaccac aaagtcctgc ttaaaactat ggaaaaccta acctgattag agccttgact 600
atttttgaag aataaatgcn cacttttntn ttttnaanat tnttggaat tgagactttt 660
ggggccnttt ttttnggggg aatttctaac ctgntaanaa acnttnnana attttgan 718

```

&lt;210&gt; 2543

&lt;211&gt; 889

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(889)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2543

```

annattnnnt nnaannnnta nananttnnn ttnnnnannt ntntannnn tntntntnn 60
tanatatntt nnttttnngg gganagtann tntntntcta tntctntac tatntntan 120
tnctggnggn gntttttgna gatntatntn ctatcttnnn nntnatnan tannnnnnnn 180
nngaataaac cnnntatcga ntccgtnggc tgtcngntgg nctgaccacc cactcatcc 240
ccgttaacat tctctctaaa gagcctcgtt catttccaaa gcagttaagg aatgggaacc 300
anagtgtttt aggacctgaa gaatctttat gactctctct ctttactct tttttttttt 360
gccactaagt naaaagcgaa gngagagtat taacgttttt gttctcctcc ggccccntgt 420
tncaatnaag gggcaaaaagt atttgctctn agtctattcc tcccttaact tctgtgacta 480
attttnattt cttttctana ttngcccaat taanactagg gtgcagngta tcctgnatag 540
gtagggttnag tgggggagga atcccttggg gnagatatta ggantgctct gttgtttaca 600
aactcaggtt cccgcagggc ctancaaaga gacttaaatg actgataaaa aaccntgaa 660
aaacatgttt gnttcagggn ttnatttcan tttttccnnt ttttttttt tnnaaaaaaa 720
aatntctttt tgtcaccngn tngaangcat tgggncnatn ntctcttnt tntaacctcc 780
ctnttngggg taaannaatt tcttttgccn atcnccnnaa atcttanata aangccttc 840
cnnccccct gttnttttn tntttaaaaa aaantggggn tccntttt 889

```

&lt;210&gt; 2544

&lt;211&gt; 746

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(746)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2544

```

gaccacgac gantccgtgg ctgtentnnn accgncccn cccacctgcn tncagctgcc 60
tcttnacact gggccctgct ctcagatgga agtgtcacca aacaccaga tcgtcgtgct 120
cctgcttctc tggagtggac acaacctgaa aaccaactgg actgagcate cttctcctaa 180
aatctcagcc agaagccacg atggagggtc ctgggaaggg aagagatgtg aagatttctg 240
tgattctaaa accttgggtc tgccctgcaa ctctctctg atcccagccg agagctgtgc 300
acacgctagc tagccctgtc acacaatagc ccagtgttcc cgtcacaant gcctgggaat 360

```

```

gagaggcttt tgagccacag agctatgaca agtcncnagg ttgaattgac tctgggagga      420
caaattttctg agagactcac gggaccctta tccaggacaa cctcacaaaa gatcccttga      480
aactgagctt tctctgcttn cgtgcataat ttgagggtata aacttttctt gtgtctnctg      540
tcaanatgaa gtgaaaggat gaatatattc cccaaggcta aaagntaacg naaaangtcc      600
aataagccat ccgatganna gaatatnttn ttttggaag aaagncttgt gaancatttt      660
tccattcaaa cccctggtna ngttttcccn aaagaanttt tttcccccga naatatgtgn      720
gtttnggcc atnaaaaaa ctggat      746

```

<210> 2545

<211> 716

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(716)

<223> n = A,T,C or G

<400> 2545

```

naccnnntc gaaccctgg ctgtcangct gaaaggccta cncattaaaa actaactctg      60
cctcccctgn agggagatag tcctttcatt ttagctcctt gcattgaaat agcattgagg      120
attaaatttg tgtaagcccc acaaaattca aaatttatgt gcttttctga ccactgcct      180
tctagtggaa attttaagca tattagagga tatgtttctg tgggagctga tcagaatggg      240
actaggagta caaaagaata tctaaaacta aaacacagct atatttcaga tcatactgct      300
tcatcacatc gagtgcattc acaaaggtaa taaatagtat gtggctgagt tagggcttgg      360
gaccattttc tagaagattt gccctttctg caattctagt ctctataatg attggagtgt      420
aggagttaag ttgtggagcg tctcataaat ttaactagaa tcatccctc ttaaaatcta      480
aatcaaatat tgacatatta gtgggccatt atttgattac atttttattg gtttaagcag      540
tgagagatgt tttgtgcaga atctggttgt tttcacccct aaagtaaggc attgcattat      600
ttctaaataa tcctataaag cccctaaatt aaaaaaattt aaaaccaacc cactttnta      660
aatgaanggc nctnctagnt ttctatgggg ccagcctctc attcccggn aatttcn      716

```

<210> 2546

<211> 717

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(717)

<223> n = A,T,C or G

<400> 2546

```

tnaccncgnt cgantccgtg ctgtcgctgn ctatcagtg accggatatt tatgtaaact      60
atgactgtga cttaaagtct gccaatatat ttgaaagact agtaaagtat ctatcaaaaa      120
ttgctcaagg aaggggcagt caagaacttg gtatgagtaa tgttcaggaa ttgagcctga      180
ggaaaaaagg tttagaatgc ttagtgcoga ttttgaagtg tatggttgaa tggagtaagg      240
atcagtatgt gaatcccaac tcccagacaa ctcttggtca ggaaaaaacc tcagagcaag      300
agatgagtga aatcaaacac cctgagacaa taaacagata cggaagttaa aattccctgg      360
agtcaacatc atcatcagga ataggcagct acagtacaca gatgtctggc actgataatc      420
cagaacaatt tgaggtccta aagcaacaaa aagaaataat agaacaaggg atagatttat      480
ttaataagaa accaaagaga ggaatacagt acctccaaga acaagggatg cttggcacca      540
cacctgaaga tattgcccac ttcttacatc aagaggaaag attagactct actcaagtgg      600
gtgagttcct gggagataat gataaattta acaaaagaag tcttgtntgc attttgtggg      660
accaaccatg actttttcag gaaaagactt cntttcagcc ctctcgatgt ttctaga      717

```

<210> 2547  
 <211> 680  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(680)  
 <223> n = A,T,C or G

<400> 2547  
 atttcattgc cctctttana nanttgnttn caaatgtcga gcatctttat ttatccaaat 60  
 ctctccacag tgtttgttta aaggggagcg ctggagagta aactaaatct tacaatgagc 120  
 atatggatgg ctataattgc tgaggtttgt tttttttttt catatttgct aactcgctat 180  
 atataaaaatt gngtttctat tttatanatt tcacaccctg aanactgcta atttttgcat 240  
 gcatatgatt ttcacatgaa tggatgaaaa tactaaaate tcttccccct ggaattgtct 300  
 aattgccccg accctactct aacagcagct agtgggtggg ggcggtggan actcctgcca 360  
 ttctctgtgg caccaccactt ccctggaagc tcantcggcc tccgtctgct cacgtattgg 420  
 cacggttgct ttccaaaccc attgatgccg gaacatgggt caggaanaac acagtcagct 480  
 ctctggngct ttccatancg ttcttttttg ccaggcttct ganattttta aataacggaa 540  
 gcaacatctg ccctntgaat taactgacaa tggggaaaca cacattgcaa aaattatctt 600  
 aatgtntagc aaatcaaggg aaaacaaact ttgcttaacc attggtttca gctttctatc 660  
 caccaaaacc ccaacttttt 680

<210> 2548  
 <211> 721  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(721)  
 <223> n = A,T,C or G

<400> 2548  
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 ggatgaccga gtgggagaca gcagcaccag cgggtggcaga gaccccagac atcaagctct 120  
 ttgggaagtg gagcaccgat gatgtgcaga tcaatgacat ttccctgcag gattacattg 180  
 cagtgaagga gaagtatgcc aagtacctgc ctacacagtgc agggcggtat gccgccaaac 240  
 gcttccgcaa agctcagtgt cccattgtgg agcgccctcac taactccatg atgatgcacg 300  
 gccgcaacaa cggcaagaag ctcatgactg tgcgcacgt caagcatgcc ttcgagatca 360  
 tacacctgct cacaggcgag aacctctctg aggtcctggt gaacgccatc atcaacagt 420  
 gtccccggga ggactccaca cgcattgggc gcgccgggac tgtgagacga caggetgtgg 480  
 atgtgtcccc cctgcgccgt gtgaaccaag ccatctggct gctgtgcaca ngcgctcgtg 540  
 aggcttgctt tcngaacatt aagaccattg cttgantgcc tggcanatga acctcatcaa 600  
 tgcttgccaa nggctcctcg aactcctatg ccattaaaaa anaaaggacn agcttggaan 660  
 cgtttnggcc aaattccaac cgttgattt tncanctgg ttgncnaat aaaacttttn 720  
 t 721

<210> 2549  
 <211> 703  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature

&lt;222&gt; (1)...(703)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2549

taaccacgat	cgantccgtg	ctgtcgggtt	ggctcttaggc	taaaatccat	gtntnacgga	60
gaattcaaga	aattttttaa	cttcaggtag	aactgtgttt	tttacaatg	tatagaaagc	120
atagtgccta	atgcatggta	gaaacatttc	tttaaggatg	accggatgtt	gccgtatgta	180
tttatggcac	aagcagggtg	tgtctaagca	gtttctctgt	ttgcttgtca	tagcagcatt	240
tggaaactca	aacatgcttt	catttacata	aatagtttat	gaagctttga	caacaaatgt	300
aaacagacac	gaaattataa	atctgctaaa	tatgtattaa	gggtattaat	tattgaaagt	360
ccctttcccc	aaaactcaac	tcctatggca	attatgaact	ccattttacc	aagaacattt	420
aagtgcctca	gcattctgtat	gatatagtgg	agcagggtgct	gacataggta	ccagctgaca	480
tgatgtgtca	ctagctctgt	gggatgattg	ccacatacat	ggaacacctg	ggagtgtctg	540
aaatgtactg	ggatcgaagt	gacaaagtgt	gttttcattc	acagtggagg	ctacatcaag	600
caaggggagg	nccaccctct	tgcaagtgtg	gtgagangct	ctctacaaag	acatgggcac	660
cggagttaggn	ccctgtanca	tgcnggtgct	gtananaaaa	tnt		703

&lt;210&gt; 2550

&lt;211&gt; 1063

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1063)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2550

ctccnttttn	acgtntnacn	tagtnanann	tgtnngntnn	ngttanattg	ttaggtntnt	60
cntgctctcn	cnagatnnct	attacnata	anngtntnt	atntacnggn	anntnctana	120
cnttctatct	cttnnanact	tnntntnnc	nnnnanaaga	accangatcg	antccgggct	180
gtcnmtctnc	gcagtgtacn	ccctgccttg	gatccctcc	cctcaaggag	ttcatctcng	240
cgggaggagg	ggagacanga	tagganagg	nacttttaan	tggtctntan	cccttagcga	300
ggngtgttg	aggtcatgca	tgggaggagg	ctgtcttggn	gcngaaccgg	gttcanggag	360
gctcatnngn	ganngntncc	ctcctaggca	ctggagtnt	ggcttgantt	gtgaggggta	420
gccnaanggn	nnggctacaa	tgnnccnggg	nnggagagtn	tnctntntc	ggnggnaacn	480
agannntnac	gccncncatg	nagggggnt	tcattgtctt	cangttccag	ggaatattat	540
ncatnggtta	anacggnggn	ttgcnnngtg	naatcgaatn	tactcttgct	ccnntgtttt	600
nacntntnt	tcgagantnn	gggaantgna	nntctcattg	cctgggggnt	nnactnctng	660
gntantggan	ntntcaatca	ngcangnngc	tttnnttg	ngatggggnn	cttcttnngn	720
nngnttngac	tctgatanta	ancnngggnn	tcgnnctggn	tnctgnatt	acntacncna	780
ntgngttgga	ntgnnanct	aannntcnn	antnatgnaa	ccnacttn	nntntntcnc	840
cgnnaaatgg	aacantncan	ntgnttgtnn	canctnnngt	aggagctng	attatagtat	900
ncntnttg	cnantntna	cctttgggnt	ntggnaactnn	tcttncgat	tccttatecca	960
canaggggac	tcccantggt	naanataann	anacngggna	gcttnggngn	ntancatngg	1020
gngtttttnc	tctntcaagt	acnaantntn	acacctctnt	ncg		1063

&lt;210&gt; 2551

&lt;211&gt; 715

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(715)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2551

gaccnccgac	gaattccgtg	ctgtcggntt	agcactcaca	tatttttgtt	caatctttac	60
ttctcacaca	aacagaaaaa	ggaaattata	tattctgtat	caacaaagat	ttaacaaaac	120
atccatacac	tacaactgtc	tacttactaa	aattaagaat	tagtatatta	tcttttttct	180
tcttataatta	aaactatctt	ttcatacact	attttaagtt	tatgaactga	aagtctttta	240
gagataatth	acttcaatga	actattatta	tttataatth	ataagcaaat	tgtcacaact	300
tggtattagc	tagctctact	gttcgcttac	agtcctctaa	gtttctgaaa	gcattccatga	360
tttctgccac	aaagaagata	cttaggaacg	attctgtttt	cctactctgt	gacctaaaat	420
tgactgggtc	ttcaatggaa	atgagatcca	tatcgggcac	taagggtata	cagaaataat	480
tggtggcaca	agtactaaag	ctatttttgt	tgactatata	tttgagatct	ctttaaggct	540
ctgtgttctt	actgatttat	tccaatttaa	tgatttgnac	tattggcatc	ctactttttc	600
tttttaataa	tattattatt	gactgnttac	aagactttgt	gttaaaactga	caggaaagtt	660
tttataaacc	aataacagca	ctcacatttt	ggaaagactg	ggtncatttg	gtctn	715

&lt;210&gt; 2552

&lt;211&gt; 713

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)... (713)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2552

tgcccttatcg	antccgtgct	gtcgnnctga	cgtgaaatgt	aaactantag	gcgtgttatt	60
gatctgctaa	aactaacctt	ctttttaaga	ggagatttaa	ggaagacgtc	aatcaaaatg	120
tcaaatatgt	gtgtcagaat	ataaataatt	tttcacattg	tattgttgct	atataaaaaa	180
aataatagaa	ttggttggtt	ttctgagggt	aaatccagag	taagagtact	agacagttca	240
acaagccaca	tctaattggc	cagatagagg	atgtagctat	tttatacctt	tcataacatt	300
tgagagtaag	atatacctca	ggatgtgaag	tgattattaa	gtactcatac	ctgaaatctg	360
ttgtcaagat	tagaactggg	gttcattgta	aaaaccttcc	atattacctg	agggtagctg	420
tggtggacag	ttccttcccc	tggtgggtag	tattttgttg	gaagagaatg	tttatacaaa	480
aatgaaattt	cttccaacag	cagagaaact	ctaaaaagtt	tgatagtacc	tatcaaatgt	540
ctgtacttct	gtgatagaga	acatctgatg	tacccaattt	tagatctatt	ttcttttatac	600
tttttcta	caattgctta	atagtacttt	ggatgattat	cacctttgcc	actttaaaaat	660
atataaatat	cctttttact	tcatgaggaa	ggaagaattt	ttggntaata	ctn	713

&lt;210&gt; 2553

&lt;211&gt; 1506

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)... (1506)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2553

ccnccctca	cnctgtctc	accccnannn	ggnccttgctc	tanngntgnt	ganttttnag	60
ctttntattn	aggantnctt	nnnntaatcc	tntntctnga	gtgganntnn	nnnacggtac	120
ntcaaaaanc	tggtgnaatt	cnnccttann	cccccatnn	nggttttctt	nntttnatnn	180
ctnatnatcc	tantcnntnt	ntancaatn	ttctnatan	nnntcnngn	ctctntttta	240
atnnatanac	ttacctnact	cnantctctt	ancntgtata	tntatnnnga	ggnatcngnt	300
acggntnact	anagctnnna	natnactggt	accnctacn	cntncncgc	tatntaacgt	360
aatgacctct	tacctacta	tacctatnnn	ctcttatnaa	aacgtataat	atnctaacgc	420

tatatatggc	tacngcaacg	nacacgcanc	ntatcnctaa	gctgaactna	ctntgnntan	480
ncgcgtantg	taatngtnag	tntangtcan	atattaggtn	atgcctcgng	tattnannt	540
taatcaatc	nattctatan	nntctgntna	ntntnctnat	atnttatccc	natcatattn	600
nntatnttat	caaanttcac	gtgtcntntc	tactnaactt	angtatantn	natgcgacgc	660
nnngtntatc	annngcantt	tctnttaact	tngcatatnc	tctnantnta	atgntgtatg	720
cnacnntatn	tattctnacg	aacntnatat	aatnttcnta	antntnatac	antnnatnta	780
tngtactaca	tngtcnntng	tcaacncgta	tatctctnnt	ttagnanatn	tnctatatnc	840
aatntgaatg	ctgnttanen	ctcnctntag	cnaaaaaacg	ctactatatc	ancgtntcnt	900
annnttacct	tcgttctcna	cgatatntacg	atacgtaatn	tnactacctt	agctancanc	960
gtcnegntgn	tacncnaanc	taatctctan	atnntctgca	tggtctgcat	ntagacnatac	1020
acntacntnn	ntanatnta	cgntaantat	ctcatnctcn	ttnnatnnna	acngncacgc	1080
tntntnacnt	tcnacncnng	tntntannnn	acattatntt	nnatctcagn	aaaatctatt	1140
acnttcnntc	tatacttngt	atntantata	tctcatctta	gnngntanat	gaattatcnn	1200
gtcnctatn	aannacacan	actantntan	ntanangacc	gtannnacnt	nnnattcngt	1260
acatatnant	attntntntt	atngatntnt	nnctcaantg	ggatanatac	tacntnttgt	1320
atctnnecga	tntatnctan	gntgaatacn	ntatntnnat	acctngaang	tacgncacn	1380
anctaantna	nctatgcan	cnanatnncg	ctacgtntn	tcactctagc	cnantaatan	1440
tncgatanata	tctacntgat	naantantgc	ncttaacnta	cntannntga	cangaacnna	1500
tntnccg						1506

&lt;210&gt; 2554

&lt;211&gt; 707

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(707)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2554

gccacgatcg	antccgtgct	gtcgactga	atgacttaag	gctcgacaaa	tgatattctt	60
ggaaagttaa	atcttgaggt	tttcaaactc	ttttttttaa	tgtctcccat	gtttctcatt	120
tgctgattga	ttcattagtt	gctcttagta	agatttgtca	gttggaata	atgaaggctg	180
agactcattt	ctaaactctt	ccataacccat	caccagaaga	gcagccactg	tggtgtgtga	240
tgtaggctaa	tgccctccag	atagaggtaa	agtcacaagg	actattagaa	ttccagtggg	300
ttgtggaact	ggttttggat	tatccttata	ttttcattct	gattactgag	gcagtcttga	360
aaactcctac	cattgaaata	gtggtgtgtc	ttttccttgt	ttaaggattt	tacatcattt	420
ttatgcactt	gaattccaaa	atcagaatct	ctcttttacc	tatcaacctt	tattggctat	480
tggtctttgg	caatgacctt	tctgttcaaa	tgtagtcctg	tctctttgtt	tccttaggga	540
gtagaacctg	cctttttctc	atctttcatt	tttttgacgt	gtcctttcta	agaaaangct	600
ctctgccgct	gttctgggtg	ataaatgata	ttttcatcta	atcgntatgt	gggttgggat	660
gatcatggng	aaaaactagg	aagacatctc	tggtggatgg	actttttt		707

&lt;210&gt; 2555

&lt;211&gt; 1192

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1192)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2555

tcnnnccnnnn	cnagnannaa	tangnnntta	tngtantnan	tatangtagt	gtnnaggtgn	60
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nnnananagt gatanngttc nagnntnnca nngtntgnc atgatnatat atagnntnnnn 120
nnnngnagnc atgacnaat ccgggctgt ntntgcctgt ggncccnatg ggnacanacac 180
tgngcccgcc cacagaatag cctcnatgcc ccctggaaca gcctcggtgn gggcctgttc 240
agtctcngtg cncnctnann catcctnnan tancntttga anagagnnat ttagagtana 300
aannaanttt gtcacttntt ttntcattaa aaattactat nngnaacctt angaagnnna 360
tgnccnatca angcnntgt cnagctatga agaattatnt ntangnggaa anaacatnaa 420
ntttnacatn cnnagtnatt cccaatngaa nccctaaana acatgnaatt tggtagngnt 480
tnnctacnnt antgtcnat ggaacncnan actnaaaaaa aggtatnttt naatnntccc 540
tngggngtat cngggannct aaacnttggg ngcgcgenta tganaatata gacntatcn 600
tnatngaana cntatgaatg tatnctctg cttatgttna ntcgtattat nactnngnat 660
attanatnaa tntnctnnnt tntanntag atcntatgag tcaaacttgn tattaagnta 720
tnantactna tatannngan ncatcnagaa nnnctntncac ananaatatt cacnctgnc 780
ntcatatnat ccganganna ntaanntaag ttnnanncna tntaantcaa ngntaattn 840
nnttnnatat ttnggtnnnn gatttnnnna ntngtatgtg anttattatt acangaenga 900
nnaatnctnt attgnnttnn ngaannttta tnaataatat atctannant nntnttatan 960
catnnntnng tntncatntn tntnnngtna nagegnnggn ttcantaaag cnantntnt 1020
ntccaacgan nangagntnc nannttatn antatacatt ntntagntnc tnactntnaa 1080
natctcnnaa ttgatnangt anatgatnnt attntaaatc tntnattntt canantnta 1140
ctctattana nncancetan nntnatnnan tncatntaca tcnnngata cg 1192

```

&lt;210&gt; 2556

&lt;211&gt; 710

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(710)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2556

```

nacctcgntc gantcttgct gtcgcccga tgaagaggtg agctcccctt cgccccctca 60
gcgagcccag cgtggggacc actcttcccg ggagcaaggc cacgcccctg ggggcacttc 120
tcaggccaga cagattgatt tcccgtgctg gatcctggtc cccaccagat ttgttggtgc 180
catcatcgga aggagggct tgaccataaa gaacatcact aagcagaccc agtcccgggt 240
agatatccat agaaaagaga actctggagc tgcagagaag cctgtcacca tccatgccac 300
cccagagggg acttctgaag catgccgat gattcttgaa atcatgcaga aagaggcaga 360
tgagaccaa ctagccgaag agattcctct gaaaatcttg gcacacaatg gcttggttg 420
aagactgatt ggaaaagaag gcagaaattt gaagaaaatt gaacatgaaa cagggaacaa 480
gataacaatc tcatctttgc aggatttgag catatacaac ccggaaaagaa ccatcactgt 540
gaagggcaca gttgaggcct gtgccagtgc tgagatagag attatgaaga aactgcgtga 600
ggcctttgaa aatgatatgc tggctgttaa cgtaaagtcc ctaatgcttt cttctnctc 660
gggtttcact aggctaaaaa tcttgccatt cagctnatga ggaatgcctt 710

```

&lt;210&gt; 2557

&lt;211&gt; 721

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(721)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2557

```

taccnngntc gantccgtgc tgctggaaaa tattagctac tcaaataagt aggcttctga 60

```



```

aatagtttta actgcaagtg tgttaacttg tgtggtggtt tgaagccatt tttccaaata 120
aagttattaa acaccacttt atgtactgaa gcatgaacag aaaaatcaag agctgagcag 180
accacctcct ttatgtaggc aaaacttcca tcattttggc ttttgttcta aacagaacta 240
aatgacatgc atagcatggt aacttacaga tcgcttaatt ggagtaaaac tcagagtaat 300
agagggaaat atgggctctt cagtgccttt ttagcttttt tgagttgaag acgttcctac 360
agatgtagtt taaacattac aaagtaggct tctttatcca aaaatcccaa tgtgtcatag 420
tacacagata gtttaaaata tgtagcccgg ggaaggggag gcatgtaaat gtcttgaaga 480
ggagaaaaag tatgaaagaa gatcgatagt taccaataat gtgtatgatg aggacatact 540
ttaaaaatgt aattcctctg tacagtaaat taccaaatct ttagggattt ttttgaata 600
agaagaattt atatttgtaa tgggtctaaa gaattttttt tgtaatnggg gattataana 660
attttaattt gggaaccact ttataaacct ggtnaagaaa aaaattntng ccttctggaa 720
t 721

```

&lt;210&gt; 2558

&lt;211&gt; 736

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(736)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2558

```

tgnacctcgn tcgantccgt gctgtcggga ctacagggtgc ccgccaccac acccggttaa 60
tctttgtatt acaggataga gttcttgga gcttggcgtg gagggaggga gagcaggtag 120
cacagttaca gaaggatctt cgggatatgg aaatgcggta tttgtggaca ctcattcatc 180
taacacacat ttgttgagct cctaattgtgt atagaactga agggatggag tcatgggcag 240
tggaagagct gaaattgtgt aaaagagaga gaaggatcag tggctatggt ctggaagatg 300
acgtggaagt gtcagccatg acgggtgggg agtggcctgc tgctcctcct gggaagagaa 360
gaaggtgaag actcagggcg cgtctgcagg gagacagtgg gagctgtggg gtcgtggatg 420
acgtctgatcc tgtcattagc atctgagcga agttcaccaa cctggagacc tacaagcagg 480
tgcccgcat ctcaacgttc ggggaggtgg ggtcacaggc atgtggggcc tcgttaacaa 540
tggcagaagt gaacctttgg ggcacagtgc cggattgacc aaaatccttt cttccctca 600
ttccgaaagg gccaaaagcc cgcgtcgtca aatattcaac caaccattgc ttggggcccc 660
cattgggcca accccgggcc cgnnttcccc gttacttgn ntcaaccaa tttcnggggt 720
taaaaggctt ttcttt 736

```

&lt;210&gt; 2559

&lt;211&gt; 1347

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1347)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2559

```

cctngncnaa ntctaannan atttgnagn ntgnngnaat ttatgnaatt ggcagattan 60
gattannntt tttccatttg ggnattnn ngggtntttt nnttagcaat atnnnnnnnn 120
nnntaataac acnactnant cngtgnntn ttagccanca ngcccccggt tgagccnttg 180
tantttaaga natggtccnn cnttttattn tggaagtnnt nccacacntt tggntnttn 240
tgcaattntt tatntnata ntantatata nntctttttt ngntntnga gcatcttttt 300
acananannc tctnctatta atctnnttn anattatnt annanttnaa tanannatan 360
ttatgattac tgtcgantna atacacctt gtcnctnnnc tttnnaagct atctntcna 420

```

cantgaacac	tanntnctag	tactaanacn	ttanntcagt	ntctttnta	ctngntnata	480
gtncctngant	nnntcnacn	agtanatnnn	ttagnctan	cantagatct	aatganntat	540
nttcgatntt	actaggecta	nncntatgat	gtnttnnact	aacnactttn	ntangnnntn	600
atntangctt	ntgtaagtnc	ntatctantn	ncncatannt	ntatntnatt	gaaannaatc	660
ttatctnatg	aaaantatct	tatgctattc	ctngntaacg	tgtnngnaat	gtatgcgtcn	720
ctatnanata	ggggatttta	tactatgtna	cataatntnn	tagtactgnt	atntatataa	780
angtanatct	aacgctgtna	tattcatacn	mntatctatn	tngtgcngta	gcntagecna	840
aannanncgt	actaanaatt	cgnngntnac	atatatcgta	tntantgntt	ntnnngaaac	900
atatnecgnan	cttaatgnac	ttcatnnnta	cgnnatggtg	tctgatcctt	ngcgcacngn	960
tacgnnnaaa	tcgattacta	antntatnct	atagtaaagt	tatngtatct	atatnnnatn	1020
annatctcta	cacgtaagng	taaaantnac	nttactatgn	ntnttatatt	acnaaatctn	1080
atgcattcnt	aaancgnctc	gtatgggtac	ntnaagcgat	atgtntntgt	atatntacgc	1140
aaacatagta	tatattatnc	natntttttn	ataacattat	catatatnat	atatatttaa	1200
atncnanatn	attatnataa	natgtnaatg	atanaatann	gcanatgnaa	gancgnnaan	1260
gnaaagnnag	tnntcnctac	ttatnttcnn	gntggatgt	tatagctann	tatatacggc	1320
anctangnan	nanngaannc	ntgtacg				1347

&lt;210&gt; 2560

&lt;211&gt; 759

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(759)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2560

aaccnecntc	gaattccgtg	ctgtcgntan	anatgacatc	acnecgtgtan	gggtgaagcn	60
nggagancta	ctcngntatg	antaangttn	naannngaaa	tgngannnaa	ntggaatttg	120
cnaaagtgcc	tgccctataa	tgtagaact	ggaccagaaa	ataggagtgt	gtataaaact	180
agaccancga	gctttttttc	cttcaagatg	cagttcagtt	tattgctttt	gtaaattaga	240
gattgtgttt	cttgatcttt	attaaagtag	aatacaatgt	taacctactt	caaattttta	300
aaaatataca	cacatgtata	tgtatgtgtg	tgtgtatata	cacacaggat	tttaaggaca	360
gtttttttgt	tgtgtgttgt	gcatgcgcac	gcatgccaa	gaaattgtta	atcttctagt	420
acatccccc	taacagaggc	agctaccaat	aagatctagt	ctttgcctta	cagaccaggt	480
ggctttacct	gataggctca	cagacattca	gtagttcatt	tgttccctcag	atttctttta	540
ttattgnnga	taaagttgat	atttaaattt	accaacttta	accatntttt	aaatgggnatt	600
antttatttg	gccatttaan	gtggtaattt	cncantttgt	tnngggccag	ccnttcattg	660
gancaatccc	atcntcttan	ggaggttntt	tcnttcctt	ccntnaaatt	gggaaatctt	720
ttggtgcccc	caaaaaacaa	attancctac	cccccttnt			759

&lt;210&gt; 2561

&lt;211&gt; 1097

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1097)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2561

atttgaaccc	cannngnaat	ccgggaaatt	tcngntntgg	ccttggtncn	agantgacaa	60
cctcgtcggg	gaggtagccc	ccnecgtatt	gtgagatant	aaagaacngc	ttnganacng	120
gnagnncntg	gctnaggcg	anaggaaang	attgtcatcg	agtnngcagt	ccnggaaaa	180

ggccgtnntc	gtnagggcta	gnnnantnga	gagaggangt	ctattttntt	taagagatan	240
taataaanan	tnttagnnct	cnntagatgt	ctcnatnagt	aataaanan	natnnnatcn	300
ngtnntatgn	nacngcatt	ctgtataana	tagaagcnta	tatnntngca	tannatacac	360
agttantcca	tatctgtagn	tnaanaatna	nagtnctttg	gangtnntta	tncaanaact	420
ngngtcntna	nngnnacatt	nantattngg	aagngaactt	ntntaannna	aatatncanc	480
tctcacaann	ctnananant	nananntnna	atatanatct	ntnannttcc	nnacanacnn	540
nanatanann	cnnnnctana	taganaanaa	tataattann	gtngtnactt	tangacanaa	600
ttncgatgtc	annacatntc	nacnaatta	ttcantncta	nnnaactnaa	gnanncgnt	660
ncnanagang	agnananatna	atannttatt	nnctangaat	tcattgtatt	ncnatcacta	720
antatnaann	nggtataaaa	naaatnanat	cactacttat	tananangat	naaanatata	780
aanngantna	tattntatan	ntatgaaann	tatnatacnt	attcactaan	nanntnnant	840
annntaaact	tntgcnnnt	aaacattctn	anncatgcta	tataaactaa	gatatatgaa	900
annntaaagt	anatctacgt	natnacatac	acannaatcn	aatnttaact	tanataanta	960
tnctanccta	tagatctgta	aataactnta	tatttgctta	acnangnanc	agttactcta	1020
nctctctant	atntangnct	ccatattatg	nacceaannt	cnnnanagt	ccaancattt	1080
atcttaanta	ntgancc					1097

&lt;210&gt; 2562

&lt;211&gt; 691

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(691)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2562

ncntgctgtc	ggttgantcc	nanaaaaancc	aaacagttgc	tgtcaataca	actcccctta	60
ttttctctca	agtcacctgg	atcgctcctga	ccccgggaac	cccgctcgca	gcaccaggcc	120
ccctccgtgg	agaaaagatg	gagccggatt	aagcaccag	tgctaaggcg	actaagacgc	180
cactgcccgc	aggccctgcc	ggaaaatact	cagagagtgc	agcaggcgcc	gcgattcctt	240
agaaagtgtc	ggcgtggcct	ctcctgacac	agaaagccgg	ctcctggatg	cttacaagg	300
actggcccgc	gcaacaccgt	tgtcctctca	cccgggccac	actccaagga	cctctactga	360
gcttcagctt	gctcaccgaa	aacggcgcg	ccccctctac	ccgggatgtc	ggagcccagg	420
agaccctgag	agccccagc	tctttccgta	attgcaggag	aaggggcaag	cggttcgta	480
gccggggggc	ctccagtggc	attatcctga	accgccacgc	ccgcacgtgg	cccggctaga	540
gctccctggc	gaaggatcac	ctgttcctac	agtgacaact	ggacctggcc	cgaacccctg	600
gcattctggc	acattattac	cttgctgaaa	cagaagtaga	gattgaaata	gangatgcag	660
ttccatttct	tctgctgtct	ggaaggaatc	t			691

&lt;210&gt; 2563

&lt;211&gt; 773

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(773)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2563

gggctttcna	tttcattnnc	ctnntnaaac	acttntctct	gaanagcgtg	ntaggaactct	60
gcaggaagag	gagaggtggt	gtgagagcct	ggagaacnnc	tntcccaaac	ttnnncncng	120
ctttanaca	gggnncancn	atnnntgctn	acgntcagtt	ntntgatttt	tcttctntaa	180
ncaanattta	ctnatatgcc	tttntttttg	cntgggataa	acncctanaa	gcctntgata	240

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tttgatnctg ctaatctatn ttcnctcttc tgettnnggan gacatggnca ctgtttccag 300
tattttacca atanctngac natcaacggt tccaacnttc tgancnaana tnaatnggcc 360
actgttttaa cntttcanc aaacnancca tgctcatctn aagnactatt gattgaagat 420
cgtcngcttg nccntttctt cttgannaaa ttttcttgat ttggctaata tgtcccntcc 480
anacatctat nagcnaanga acttttgtn aaagaaanat ttccaaancc ttttctnant 540
ttccccacct tgttttacca aggctaattt ntgaatnaa cgggggggaaa aaaanaaatt 600
ccanaccggn gtggcatttt tcttttccaa ttttggnaaa ccacccctt tntcagaaaa 660
antttnttt taaattttt taccaaaatc caagggtaaa accaaaaant ttttgncttt 720
nacccttttg gttncacnt tcnttttttc cccctaaacc ccnccaactt ttt 773

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<210> 2564
<211> 709
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (709)
<223> n = A,T,C or G

```

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<400> 2564

```

```

nnaccncgnt cgantccggt gctgtcgccg agtgacagag acncnatact ntgattggca 60
atnaaatgtg aaaccanant tcttgggcaa gtcaaattct ggaatcacat ccacctaaat 120
taaaatgact ngctcgat tccccatct tcaagtttca catcctggtc atcaaaagac 180
tcgacagcaa gacttagaat gaaaaagggt acttgtttat attaataattt tttacttgaa 240
cacgtgtagc ttgcagcagg ttcttgatga atgtgctttg tgtccaaaat gcctccccat 300
tgtacacagg tgtacatcat gcatgcacca acacctaaaa ctcaaaaacta aatggctatt 360
ttgtaagggt aatactttca gttaaacagc atgtttgact tgattccatc atgggtgctct 420
taaattacat gtcagtgcac cacatatatc atgatctaat gcagatgact aggttttttc 480
caaaagggaag acagaccctc agacacaaaa agccaatcta aacaactccc aggtttgctg 540
tgacaatca ccatggaatg gtttctgcac tctcagtcac gaccatctgt atcttgntac 600
ctgctttctc tctcaacacc acagttctca ancctgacct tncagagaga gctnttgat 660
gatacaagan gaatcccagg gccccggatc taagatgccc cttaaaaga 709

```

```

<210> 2565
<211> 706
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (706)
<223> n = A,T,C or G

```

```

<400> 2565

```

```

taaccatnnt tcgantccgt tgetgtcgcc cgcgcctct ncaagttctt gtggcccccg 60
cgggtcggag tatggggcgc tgatggccat ggagggtctac tggcgcttcc tggcgtgct 120
ggggtcggca ctgctcgctg gcttctgtgc ggtgatcttc gccctcgtct gggctctcca 180
ctaccgagag gggttggtgct gggatgggag cgcactagag tttaactggc acccagtgc 240
catggtcacc ggcttcgtct tcatccagg catcgccatc atcgtctaca gactgccgtg 300
gacctggaaa tgcagcaagc tcttgatgaa atccatccat gcagggttaa atgcagttgc 360
tgccattctt gcaattatct ctgtggtggc cgtggttgag aaccacaatg ttaacaatat 420
agccaatatg tacagtctgc acagctgggt tggactgata gctgtcatat gctatttggt 480
acagcttctt tcaggttttt cagtctttct gcttccatgg gctccgcttt ctctccgagc 540
atttctcatg cccatacatg tttattctgg aattgtcatc tttggaaacag tgattgcaac 600
agcacttatg ggaatgacag aaaaactgat ttttncctg agaaaacctg catacagtac 660

```

attcccccca gaagnggttt cgtaaatacn cttggncttc tgatcc

706

<210> 2566  
 <211> 708  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)...(708)  
 <223> n = A,T,C or G

<400> 2566  
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 tcccccaag gagttcatag ccgtgggagg gagggagaca agaactgttg gagacaagaa 120  
 ctggttagaga ccagagagca agggcgtgat gtggtctgca gggaggaggc tgtctgaggc 180  
 agaaccgggt caggagggcc atggtgctggg taccctccag gcacggcatt tggcctgact 240  
 tttgaggggt gccaggggt ggctacatgg cggggcgagg gtatcttttag tgggggaaca 300  
 gcgttgtgcc accaggagg gtctctgtct cccaggtaga ggaattctcc atggtgagag 360  
 gtggtggtgg gggatggtct agctgtccac tcttgcccc tttcgattt ggaaggaagc 420  
 cccatgctgg gtccacactg gtatggcgta ttaattaggc agctgctttg tctgggaggg 480  
 ggctttgtgt cgagtctccc tgaatgagca gggtggcgca cagttgtcaa aacacatgg 540  
 gcttggtcag agccccgta gaancccttg tcctccgcag ggctccnct gcacccgggc 600  
 gtgggaatgt gctcttgtgt gtccctggct gtctgcttct tttacactg gcccttcaa 660  
 atngangggg tgggggtaca ngggttnctt taaaaancan acacttgg 708

<210> 2567  
 <211> 709  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)...(709)  
 <223> n = A,T,C or G

<400> 2567  
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 cccttttgtt ttctttgcac aaatttcagt ggaaacatgt tgccaagtca gatcgccatt 120  
 ctacttgagt gaatatggaa ttgttccagt tttcnaaatg cagagctttt tgtgggctga 180  
 tggactgaat agaaagagga acaaccatac acccttctac agatgaaggc aagattttat 240  
 gaaagcgact tcattcgttc tcctctgcct ggtgttcctt ctttgtaaac caggaccagg 300  
 gagctttgaa tatagcagta tattatagaa tttggtttca ttaaataatta tacctgccct 360  
 tagtgtttat attccagtat attgacaacc caggctcctt ctgtacctgt gattgtctgt 420  
 gttgagacta ttacagagct ccaaaaatta aaataaaaat aataatttta cagaaataca 480  
 tatttgcatt ggaatattta agaaagtga gtttgatgc cacaagatta taggagtaat 540  
 aggaagctgg gcacagtggc tcacacctgt aatcctagca ctttgggagg gtgaggcagt 600  
 gaggcaatag gattgttga gcctangagt ttgagaccan cctgggcnac ataaggagat 660  
 cctgtctctt cattaagtaa atttaaatg aattaactgg tggngctgt 709

<210> 2568  
 <211> 1078  
 <212> DNA  
 <213> Homo sapiens  
 <220>

<221> misc\_feature  
 <222> (1)...(1078)  
 <223> n = A,T,C or G

<400> 2568

agnggncgac	ccccntttt	ttggngggaa	aaaaaaaaa	ccccccccc	gggggggggc	60
ccttgggtan	canaacatta	ccctnggggn	acccgnnccg	gncnaanagg	agnncccccc	120
nccaaangnt	ttaaaanggtg	gtngtggttn	atgcccnac	caaacaann	ggngaaatgn	180
atggnccttn	naaaaacacn	ncaatntttt	ttttntcaa	tgggtntana	tacnaagcgg	240
naanaatcan	nnacagngna	acangggngg	ggcgccana	ttntntagac	atngccnanc	300
taggcacccc	ncctattatt	tcactgggaa	atnnncaatc	agnantatna	accacttccg	360
ggtngccnat	gataagaaaa	aaaattann	nnagtnccgc	atggngnact	atatgnatng	420
cgnaaatnca	nnaagtaant	aagaaacnag	tttttcanca	ttnaaagcta	ccnctcttgn	480
anagnaancc	acangctgaa	tatatctgaa	tgntcangan	aanantcaga	ttaaatattn	540
ttggagcnnn	tacatagacg	catnangnna	gnnaatcacc	nnncaanaga	ncnnnnaaac	600
anacacntca	ccnnnananc	tgacncacan	cnncganaca	nacacgngng	acagaganca	660
gnannacatc	acccacacac	aannnnanat	aancgananc	agatacngtc	gnanacnaga	720
cctctcgteg	ncgacgnnnn	tgatgacacc	anacatgcaa	ntgcaagana	nnccaccagan	780
ctcnaacaaa	anatggatgc	aacacgcacg	acgnacgnna	gnnagaccct	acacncttgn	840
atgnaagata	cnnntnccnn	acanagntat	naacggacct	agangancnc	gcattntctn	900
ttanaaagcn	ncgaangctc	ccaantcaa	ngnagngng	anctcaentn	cgcataggat	960
cnaaaancgc	acggaannac	tagancggct	agnctangna	ntccacgcna	ataanacatn	1020
actcannngn	annnnanncn	nnnaccacag	ctatanacnt	gncgtaaacy	tancgcgc	1078

<210> 2569  
 <211> 1452  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1452)  
 <223> n = A,T,C or G

<400> 2569

ccttctnttt	taacnnntat	ctntanctaa	anattganna	gatnaanggg	ttatngataa	60
tnggatantg	tatnnttnan	gggtatnnn	aacnanttat	ntntntgggn	ggtngtanana	120
tnnanattaa	ncttaatnta	ntngataat	ntntntncat	ncnaagaggg	tgtananttt	180
aatctttggg	gttttatng	taantataac	nngaagcna	ncataagtan	gntanntnt	240
nnntcaaaag	antaccatt	ttannaatnn	cnnntggggg	ganatatata	ttagtccecn	300
cgnggaangg	cccccccttt	gtttgatggg	ngtnatntta	cttatcnnta	tgtntagnta	360
tgntncnnnn	atatntanta	tatctagnta	mntaannnat	acatatctac	cntatagtca	420
naaatngngt	acattttttt	tnatntnnn	ntanttnact	aantatacta	ctantaaant	480
tnntatacnn	tnntaatnta	nacannnacn	gnacnntant	taanaatatt	cntcatncat	540
tngataataa	tnntnaanc	ncnatanttn	ttatatantg	antattgaaa	catanatntn	600
tataactatn	ctagncntta	tatncnaaaa	nannngtcnn	attatncatt	ctattngact	660
antttatacn	nanananttt	tatnacattt	ttcannatct	ntntantana	nttnaatcta	720
aattnttncn	ataanntnat	nttangatnn	taacgtntta	ntatntaatt	atnaatatnt	780
antantntgt	aatantaatg	atttaanatt	tttnaagata	catngaacta	tcgantatta	840
attatgtant	tatctantta	atacnaaagt	tatatangga	atnatntctn	tcaatatnaa	900
tggtanaata	tatacttant	acgtaattaa	atanataata	taaatgnaca	tatatnaang	960
tacnctatnc	actctnanta	tagntntana	tanaatacta	nttnatcgat	atgtnatcgt	1020
tannttatnt	actattatat	attctntgan	ngtatntta	ggtntntatc	ttatnacagn	1080
nnatgtaaac	ntatctctaa	tantntntna	gtannntatc	ntntatnta	cttatctaat	1140
ctatattaat	cnttggtatt	ntncccttnt	gtactatgtg	atatntatna	tanantactt	1200
ganaannata	tntatgaaaa	ttattatatn	natgttatta	tannntgata	tantacatat	1260

nttatatann	aactntattn	tntantctn	tgttacanan	nnntatagan	ncanagtnta	1320
nntaagntat	cganatnnta	gatannttat	gnnatngatc	ncatcnnaan	atanccgtnn	1380
ntgattntac	nataatntaat	ttnatnnata	ngtatncaan	cntattnacn	atatnatnnt	1440
ntatcnatta	nn					1452

<210> 2570  
 <211> 761  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(761)  
 <223> n = A,T,C or G

<400> 2570						
acncatcatc	cgnntgcnc	tntanncccg	ntanntcttt	antgtctgca	cntgnaanca	60
tncnttngga	gctccncnat	actanggana	cgccnctgac	gctacnaaca	ncnagatgaa	120
atatgtatnt	atgnangccg	atagnggccc	nnatgggtca	aaanaccgcn	cntaacgccc	180
nngantnnat	atctggcttn	ntcccatnng	tgncnncgtg	caataactna	gctgncnnet	240
gtcnantccn	ntnntnnant	nngcnagntg	agtnntagtn	tttggcattt	acagtntttt	300
antattttaca	gttgatgatg	aaanattcgt	gaggtgctgc	caaataataca	tcaaaagggtg	360
gagcttgtn	ggccaactng	ccacctgatt	taatcaacaa	ctactagtgc	tgagatgcan	420
aaagggggaa	aatggaggaa	ttatggacca	aagtctgtct	ttatagatga	cantcacagg	480
acaaggggta	ggctttgact	tgagactnnc	tntctttgct	ctggncaccc	ctgttnacca	540
caagccctna	attggggcnn	ttcanaantt	atntcttgg	nggcccgggc	nccgggtngc	600
ccacattctt	gntattnccc	tncccttttt	nggnacngct	tttaancnnt	gnttaaaanc	660
aaacgntaan	gtccagggna	anatttttat	tancnaanc	cngggccnna	tntgtacgct	720
tgaaaanaat	cnctttnttt	ataccaaatt	catnccacc	t		761

<210> 2571  
 <211> 704  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(704)  
 <223> n = A,T,C or G

<400> 2571						
taccacgatc	gantccgtgc	tgctggagtg	acctgttctc	ctgagtgtctc	tantgtctcc	60
agttgtcggg	gggaaagatg	atggagggga	acagaaactg	gacttgatgt	ttgcggtttg	120
agaggcaaga	aaataaaata	actttctacc	tctaaattga	ggcttaggag	taaaaagcat	180
tttgtcctaa	atztatcatt	taaaatagca	tcagtaactt	ttgagctcat	gtcaatcaag	240
cattggcagt	cagagatttt	ataggggaaga	ctaagtaa	ccagtttcca	agaacctaaa	300
ctgattgagg	ctccaagagt	cagaccaaca	aaagttttat	tctgtgttgt	ttactggtaa	360
gaatattatt	atcttgatac	tacctctcaa	gggtattggt	acaaaatgcc	acttatgggt	420
aaagagatag	atacaaaagag	ttctatttga	cagaagcttg	aaactctggc	atctatctgc	480
ccaacgatgg	gggctttcgt	tctgtaattt	aatcctttgt	agatcattat	ttgtgtgtaa	540
ttttatacgt	gttcataatt	ttctcatatt	gcattngta	aagtgtacaa	aatctcaaag	600
tatnaaatac	tgcttatatt	gcttgtaatt	acagngtga	aatattttct	aattgggtca	660
ttgatggggg	ggacaagtgg	gttttcangt	ttttttta	at		704

<210> 2572  
 <211> 1078

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1078)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2572

gaatatngat	cttgtgtant	cggagaagag	gtgngctccc	cttngccccc	tcagcgagcc	60
cagcgtgggg	accactcttc	cgggagcaa	ggccacgccc	ntgggggac	ttctcaggcc	120
agacagattg	atttncngc	atgcggatcc	ctggtnccnc	aaaatagttt	tgtttgatg	180
cnattctntt	ttngngnngg	tacgtntttt	nntttnttcc	anttaacatt	cttntnttat	240
nnananaaaa	atntattaaa	aggtngntat	cccattatta	aaaaaagnag	aacntnttgg	300
tannccctgc	angaagaaag	ccctggtnaa	nnattcccat	tgcnnancnc	ctaaaaatnn	360
gnactttttt	cgaaaacana	tncnnttat	ggactnnttt	tgtaattttt	ttttanaaaa	420
attatgggtan	ttaatttatt	attngtaact	natnctgnta	tnnattaata	tnnctatgat	480
atantncatg	tngcctacnt	ntaatanttn	ttantatttg	tnnnacnatt	attttccctn	540
ttcnactnnn	aantctttct	aanatttgat	cgtnnatnaa	ttnttatttt	tattattatn	600
natgatttaa	gttcttttat	ttttttttat	naatattata	tattnttaat	atcttatctt	660
ntctnttnag	anntatattn	atntgttaat	tatttatagt	antatatact	tactctaate	720
actnnnactn	nttnnttatn	ttntacatnn	ttntctntta	taactatant	taatatatta	780
cattaaatgt	attanngaaa	tataattntc	nntatcttat	tttannanac	gatantatnn	840
tattntacgt	atgaatatan	tnagaaatnt	tatttatgct	ttanataata	atctttngta	900
ntttatttaa	tnatanttat	tttanaattt	ctaataatnc	tnatatacatn	gtcnatctta	960
acatatntta	gtntatnaaa	gatttgtaga	tnaanntaa	gnctttctnt	gtnatngnat	1020
ctaatntatn	tctntatnaa	antatantaa	gttangnta	tctctatgct	ntnnancn	1078

&lt;210&gt; 2573

&lt;211&gt; 1060

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1060)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2573

ccnngtctnt	nannntntnn	ntanaannat	tnnntnannn	ctntnttcna	anataatnaa	60
ntntatnatt	gggngnanc	atcntaantn	ntntatagna	cntcatnncc	acnnannnng	120
agngttatat	aatagntatn	nnntntntna	tntgtntnnn	nnnnnnnnnn	nnnnnnnnng	180
ataaacantn	ntcnantccg	ggggctgtna	ttntgcactc	cagcccneng	ctaataagta	240
gggaaactcc	gtctcaaaaa	aaaaaagtan	ccatantcnt	nngggaagac	cttacngnag	300
agacttgtga	gnnganacct	gaaggaaatg	aaaagggaag	gagtctgtnc	tgatntctag	360
gaggaggaat	nttccaggcn	gacggaanag	aggcacaatg	tctttgagga	aggggcatgt	420
tgggcatgtn	cacaggacnn	nnaggaggcc	aaantgggtg	gagcaaaaaga	gcccaggggg	480
agaggnattn	aaaggaanaa	caggccaaat	ggccataaaa	tnttggtngc	cttgatgggg	540
acattggccn	tgaccctgat	caaaaatagg	ggtagacagg	nacagggaag	ctagggagga	600
ggcttgngng	ctcgncattc	atttgaggan	accntatca	tgtggaaact	actgtgnaat	660
annnttttgg	ggtanntccc	ttttaaaaaa	acnnngtcat	ttttccggtt	tgngcncctt	720
gtgggcttna	cacccttnta	aatncccnna	ctaatttttn	gggaangccc	aaagggttgg	780
ggncaaaaat	caancntgg	aaggtncann	gaattttntt	aaaaaanctn	anctctttga	840
anccaaanna	tnngngtaaa	aaaaaacctt	tcnngnnnct	tttcaattnt	atagaanaat	900
taccctaaaa	aatttttctc	ctttngtaaa	annngtgngt	aggnacnca	aaataaaccc	960
cngtgagaaa	attnccccac	annnttttac	cttttgnggg	ggaaaaaaaa	tgaaaaanggc	1020



cccngngnnna aaaanaattn cgnctcttna gaaaaccccc

1060

<210> 2574  
 <211> 737  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)...(737)  
 <223> n = A,T,C or G

<400> 2574  
 aaccacgatac gantccgtgc tgtcnggna tnaataattt atggacactg ctggacctca 60  
 gtctcctcat ctgaaagatg agtggttgga gaagttaaat ggttttcaaa tgcttttttt 120  
 ttcagtcttc aaataagtgt ttacgtagaa gcaccataac tgaacagggtg acagtggacc 180  
 agtctgaatg aaatgagggt tggcaggcct gagctccaaa accttctgat tgcccaagcc 240  
 ctcttctgtc tgcttgatt atctccacac aaatggagaa actggacaag gtggtcatgg 300  
 aggtccctga aagctcaaag accttctcat tccaggattc cccatgttca tatgccagca 360  
 tggcatgggg gtgctctgta gtcaagcagg gtcccttggg gggcttangg atggagccag 420  
 gaaatggctc tgggactcag cgggtgtcca gantctcatc agcanggttt ctttactttc 480  
 actgagtggc tgggtgcctgc acacttgagt ttggccagct tacttctcac aaaantgagc 540  
 ttttctggaa gcccccacac tgnaaacccc tttccnttc ctggaacctn ggtncgcact 600  
 tggnggncct gaaccacccc caaggccctt ttcccantg ctgntggaat gggncaaact 660  
 ttttttttgc accctccnn gggttgnccc aaatnnaacn cttgataaaa aatttctnga 720  
 agcccaaaat gcctcgc 737

<210> 2575  
 <211> 706  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)...(706)  
 <223> n = A,T,C or G

<400> 2575  
 taacnttnan cnantccgtg ctgtcnagag gagaacaaac tgggtgctga agccatgggt 60  
 tccctgggaa ggtggacca cctgtgcggc acctggaatt cagaggaagg gctcacatcc 120  
 ttgtgggtaa atggtgaact ggcggctacc actgttgaga tggccacagg tcacattgtt 180  
 cctgagggag gaatcctgca gattggccaa gaaaagaatg gctgctgtgt ggggtggggc 240  
 tttgatgaaa cattagcctt ctctgggaga ctccacaggct tcaatatctg ggatagtgtt 300  
 cttagcaatg aagagataag agagaccgga ggagcagagt cttgtcacat ccgggggaat 360  
 attgttgggt ggggagtcac agagatccag ccacatggag gagctcagta tgtttcataa 420  
 atgttgtgaa actccacttg aagccaaaga aagaaactca cacttaaaac acatgccagt 480  
 tgggaaggct tgaaaactca gtgcataata ggaacacttg agactaatga aaganaagag 540  
 ttgagaccac tctttatttg tctggcccaa atactgaata aacagttgaa ggaaanacat 600  
 tggaaaaagc ttttgaggat aatgttctaa actttatgcc atggngcttt caagttaatg 660  
 cttngtctt ttggcagaat aaactttcaa ttattaaaaa ggactn 706

<210> 2576  
 <211> 712  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(712)  
 <223> n = A,T,C or G

<400> 2576  
 tacctcgntc gaattccgtg ctgtcggacg gaaacccatgt ttgtggctcg cagcatcgcg 60  
 gcggaccaca aggatctcat ccacgatgtc tctttcgact tccacggcg gcggatggca 120  
 acctgctcca gcgatcagag cgttaaggct tgggataaaa gtgaaagtgg tgattggcat 180  
 tgtactgcta gctggaagac acatagtgga tctgtatggc gtgtgacatg ggcccatcct 240  
 gaatttgggc aggttttggc ttcctgttct tttgaccgaa cagctgctgt atgggaagaa 300  
 atagtaggag aatcaaatga taaactgcga ggacagagcc actgggttaa aaggacaact 360  
 ctggtggata gcagaacatc tgttactgat gtgaagtttg ctccaagca catgggtcctt 420  
 atgttagcaa cctgttccgc agatggtata gtaagaatct atgaggcacc agatgttatg 480  
 aatctcagcc agtggctctt gcagcatgag atctcatgta agctaagctg tagttgtatt 540  
 tctttggaac ccttcaagct ctggtgctca ttcccccatg atcgccgtag gaagtgatga 600  
 cagtagcccc aacgcaatgg ccaanggtca aaattttgaa tattaatgaa aacccccagg 660  
 aaatatgcca aaagcttgaa actcttatga cagtcactgg atcctgttca tg 712

<210> 2577  
 <211> 993  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(993)  
 <223> n = A,T,C or G

<400> 2577  
 nncncttacc gantccgtnc tgtcgggaca ctttgtgant cccattngan gangcnctgg 60  
 tgtgtgngng ggatgaggtg ctggtgtgcg gatggatgag gtgctggtgt gtngntggat 120  
 gagatgctgn ngtgtggatg gatgagatgc tgggtngtgg atggatgang tgctntgtgg 180  
 atggatgang tgctgtgtg tggatggatg acgtgctggt gtgtggatga ggtgctggtg 240  
 tgaggatgga ccaenttng gttttcncgt ttnggcactn nggntgantn cnettttctg 300  
 ctcttgcant tgnnncctgc gaaanttcnc cggacanntg catacatctt tgtatgcacc 360  
 ggcacactt tgggnanatg attncgtnc cgtgtnnng ttngggaana nannatatat 420  
 aaatgtncct tnttcttaca tnttatcctt nncaöcccn centntgnng ctcccaagnc 480  
 nattnacctc cactgnttc tatcentcg cncgantgtc gtnatncaga gggngatecc 540  
 actcaacntt tttnggatct cctttttnaa gtcttttnat nantccttnn tcnttttctt 600  
 ttgtaagtct ntnaatgnta gctctccana aatattctnt cccttgggn naaaaaanan 660  
 anngaccctt cacncttctg nggetntgag agcacacntc aactcctctc ccccatctt 720  
 nctnttntt naacnnctat attatccta ttatcactct ntggtaagac gtnacccnc 780  
 tnntaaccan tatnnctttn cgttnnatann aacennctct ttatcattag gggactctt 840  
 ttntaganat aatntcttac atangcacgc nttnaaaata ntacactcgc ggtcnnncac 900  
 tctantant atncaactnn ccccncccc cccctntctt cntcnncccc ntcttnttgg 960  
 cnntcttcng tntttntact tccnatntan ncc 993

<210> 2578  
 <211> 675  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(675)

<223> n = A,T,C or G

<400> 2578

ttttnnnccc ntgaantaaa aaaactagca cantcnannt tgctnnntga agataagaac	60
cataacatgt atgttgcagg atgtacagaa gttgaagtga aatctactga ggaggctttt	120
gaagttttct ggagaggcca gaaaaagaga cgtattgcta ataccattt gaatcgtgag	180
tccagccgtt cccatagcgt gttcaacatt aaattagttc aggcctccctt ggatgcagat	240
ggagacaatg tcttacagga aaaagaacaa atcactataa gtcagttgtc cttggtagat	300
cttgctggaa gtgaaagaac taaccggacc agagcagaag ggaacagatt acgtgaagct	360
ggtaatatata atcagtcact aatgacgcta agaacatgta tggatgtcct aagagagaac	420
caaagtgtatg gaactaacia gatggttcca tatcgagatt caaagttaac ccatctgttc	480
aagaactact ttnatgggga aggaaaagtg cggatgatcg tgtgtgtgaa cccaangct	540
gaagattatg aanaaaactt gccagtcagt agatttgcn g aagtactca agaagttgaa	600
gtaccaagac tgtaacaagc atatgtggtt acccctggga ngagatcaaa accacctcga	660
ggnccagtggg aatga	675

<210> 2579

<211> 667

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(667)

<223> n = A,T,C or G

<400> 2579

tnnctgctg tgcattacat nntncngctn aggcgctggc agctgaagag cgtgttagga	60
ctctgcagga agaggagagg tgggtgtgaga gcctggagaa gacactctcc caaactaaac	120
ggcngctttc agaaaggag cagcaattgg tggagaaatc aggtgagctg ttggccctcc	180
agaaagaggc agattctatg agggcagact tcagccttct gcggaaccag ttcttgacag	240
aaagaaagaa agctgagaag caggtggcca gcctgaagga agcacttaag atccagcggg	300
gccagctgga gaaaaacctt cttgagcaaa aacaggagaa cagctgcata caaaaggaaa	360
tggcaacaat tgaactggta gccaggaca accatgagcg ggccaggcgc ctgatgaagg	420
agctcaacca gatgcagtat gagtacacgg agctcaagaa acagatggca aaccaaaaag	480
atttgagag aagacaaatg gaaatcagtg atgcaatgag gacacttaaa tctgaggtga	540
aggatgaaat cagaaccact tgaagaattt aatcagtttc ttccanactc cacagatcta	600
gaactntttg gaagaacgaa acctagaggg aatggaactt gaaanacctc attnctgatn	660
agacttg	667

<210> 2580

<211> 704

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(704)

<223> n = A,T,C or G

<400> 2580

taacctcgnt cgattccgtg ctgtcgttan accaagatag ccaagtggaa cctgcaatca	60
agaatgaata agaagaggc tatagtgatg aaagaagcaa gtaggcaaaa aactgtagct	120
ttaaaaaagg catctaaagt ttacaaacaa aggcttgacc attttacagg agctattgaa	180
aagcttactt cccaaattag agatcaggaa gccaaagtgt ctgaaacaat ttcagcttcc	240
aatgcctgga aaagtcatta tgagaaaatt gtaatagaaa aaaccgaatt ggaagtacag	300

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attgaaacaa tgaaaaagca aatcattaat cttttggaag atctgaagaa aatggaagac 360
catggaaaaa attcatgtga agaaattctt agaaaagttc actcaattga atatgaaaat 420
gaaactctga atcttgagaa tacaaaatta aagactacac ttgctgcttt gaaggatgaa 480
gttgatctcg ttgaaaatga actctcagaa ttgcaagaag tagaaaaaaa aacagaaaac 540
ccttattgaa atgtataaaa ctccangtaca aaagttgcaa gaagcactga aatagtaaaa 600
aagcagatgt gaaaatttgc ttcctaaaaa ttaccatta ccaaaacca aaataaaatg 660
ttagaagatg aaaggcccat ggagtctcac tgaagggtta gagc 704

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<210> 2581
<211> 1252
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(1252)
<223> n = A,T,C or G

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<400> 2581
nnaacnnngn ncgaattccg tngtctgtca gccgcgcgct cteccccna cactgnnccc 60
tgcggtgntn gaaaaacacca cctgatggcc atgganggct acnnnnagca accggggtn 120
ttctgtcaat atcaantnng attcattaat ntctgacat tactggacaa gatggnaent 180
gccatncana aagctagtng ttntntcnta ttntttctta atacnacga gnnanactan 240
cntatnnntn ccntntngnc nngatttang nnnncntnnn aatnntaana atcntcnana 300
tnatcttnan ncntnatnnn ttctananna ntnaacatta nattacaann cttacaaant 360
ccanantnna atantctctc tanatagaat atggcaataa tntatnctat cgtnnngtagt 420
tctcatantt atcnantget natatnnagt ntaactncca catactantt canactatat 480
nnctatcanc tcactctctn ttacggntcc tacntaaaac tcnatactc tctatntnt 540
antatctatc nctctntnta tatntctage cactnnnnct tancctcata aagtntnaat 600
cacannntnt ntntntgatn tcttcatata gagctaantc ancatatant atttcataat 660
atcgagtatn atncnganat ctgntctta ntactnnngna tatacacnac atatatccnt 720
nantccaatn attannnanc nctatatanc natctctant cncactatc tcnctgtgat 780
nacantagaa atacnnatat ancacctctn tccnananat tntcnacna tctnacatcn 840
nttgactccc actactnaaa acnngnacat gtcactctata ntantctntc tatatacagt 900
nmatnctcna atanactcgn ctttcanaaa gntnanacga tanatgannn tncnnacna 960
taatcttnac ctactactca natgganntt gctctnataa taccagncca tggncncatt 1020
tcacttttnt tacactgatn tctntatact naaanannat agtatgttca tgnactcac 1080
ncatntncaa ttccanatan tgtntgtntt atcgtnacn tctgagatcg atctnatana 1140
tancnantcg cnttatncan actcnaatcc tagagnccat cactccnacn ntaantatat 1200
ctntacatnt gatggcgntn tcnctntctt atctntcana aacnagatng cc 1252

```

```

<210> 2582
<211> 1306
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1306)
<223> n = A,T,C or G

```

```

<400> 2582
cctcttcccg nnggtntntn tcntntgaat gntntntatg ttntgtgtnn tantgntntn 60
tntgtctcnc atngtgttcc tgnntttgt aantacnntn natatnantt gtggagnnan 120
ataacnatnn natatnantt ctngatgatn nntnncnna ttaancntga tcgantccgg 180
ggctgtnttt ctccganag ggcctctgcc ttggtctctc tataagacaa ggngtncata 240

```

```

atnngggnat gaccttgaga caanaactgt nggngacttt ttctgccata gaccagatng      300
ctatggntga atataatggt ttgntnecan ntctannatg catanmtgnt tantctnttt      360
tcggnnngng nnnnatnnng tcgttttntt tnatttctca tnaatnctnt nctctattnn      420
cttatngngt gtnnecgtgt tcntgnntan ttntgtngnt cttanaagtt ttnanaaatt      480
ttngntntga anttacnaaa nnttgntntn gannttnttn nnattgtnta nancnntntt      540
tccatntnat ttttatccga tatnttntnn tcntttcntn tgttctctta ttngatttat      600
anttantnna ctgntctac attntatnag attctagtct gtatgattng nantntcnnt      660
anattatggt ntcnggtgt ntgtaanaaa nncangttat gnnatgataa tttagnnann      720
tctggctnnn acatctttnc nctaactatn tntntgtctg tgattnnanc nntcatantt      780
tngantttct tctcttttng aattaatatn nntngantgg tgaatgnnca tatcacntg      840
cgcntagcta cttatgtacn ttttctctca cagcacnctt tcatacattt atatagatca      900
gnannntatn tngattngca tcttatagtn tnggtatttc ctctaactct cntgtgtgna      960
acattgcgtc tntnnntaan gatntacata agcnatanca tnnnatntt nttnttcgtt     1020
nttgtnntc ntcnntggta tntatatnnn tcttatagtn antntgtnta tnantaannt     1080
cttntnatan tatcatagct tttagggtnt aatantacgn ggntatntcn nttacctag      1140
tgtantatat natatntnt aatacatttg gngnctgngn acntnncctt tntnttatct      1200
atatctatga ngngnttcca tatnanccnt attgngatag ggggtgntctg gtggtnacca     1260
ctnnngantg tctnttatat ntntnntn tntnacnatt ctctnt      1306

```

<210> 2583

<211> 728

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(728)

<223> n = A,T,C or G

<400> 2583

```

tacctcgntc gantccgttg ctgtcggaaa cctcaacaga cactgccgta acgaatgaat      60
gggagaagag gctttccacc tccccgtgc gactggccgc caggcaggag gatgccccca     120
tgatcgaacc acttgtccct gaagagaaaa tggaaacca gacggagtcc agtggaatag     180
agacggaacc caccgtgcac cacctgccgc ttagcactga gaagggtggtg caggagaccg     240
tggttggtgga ggagcggcgt gtggtgcacg cgagtgggga tgcttcttac tcggcgggag     300
acagcgggga tgctgcagca cagcccgcat tcacaggcat taaagggaaa gagggctctg     360
ccttgacgga ggggggctaaa gaggaaggag gggaggaggt cgctaaagct gtcctggaac     420
aggaagagac agccgctgct tcccgtgagc gacaagagga gcagagtgc gccatccaca     480
tttcagaaac tttggaacaa aaacctcatt ttgagtcctc aacgggtgaag acggaaacca     540
tcagttttgg cagtgtttca ccgggaggag taaagctaga aatttccacg aaggaaatgc     600
cagtagttca caccgaaac ccaaaaccat cacatatgaa tcatcacang gtcgatccca     660
ggccccaaga tcttggaagc ccaggcgtgc cttgatgagt gccacagacc gatcaccttc     720
ttgaaact

```

<210> 2584

<211> 710

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(710)

<223> n = A,T,C or G

<400> 2584

```

agccttntnn atcccgtngc tgctgctctg tttctctggc taatgtattt ttatcacacc      60

```

```

caagaaatTT aacgtttata agatgtaatc atttaataata ccaaccatgt gtatactgct 120
tcagttgctc ctcagattcc tgaatctaata cagatataaac actttgcatt ttgtttaccg 180
gtctctctag tcttctgtaa ttttcccagt ttttcccat aatactgatt ttttttccag 240
cattaaagct agctctcttg tagagtagtc cacagctctga atttatctga ttgtttcatg 300
attagattca gattaaatat ttttggagaa atacagcata ggtgattttt tttccctggt 360
gcattatatac aggaggcatg aaagggttagc ctgcatgatt attgggtgatg ttaaatttga 420
tcacttgatt aaggtagagt ctgctggtag aaaacatacc tttgaaatta aaagtatatca 480
gtaaccaaag attatcttgt tcaatgacca tctctcatct aatagggtttt gtcattttatt 540
tatgatcctt gccagaatca gtgattacct tagtggttgc aaaatattga ttttctactt 600
caagagatgt gttaaaatTT ctttttataaa attgttacc taagatggcc cttggctata 660
gtaatcattg ctctttttat ttanaatgga ttaggaagtn tgtgagaagn 710

```

&lt;210&gt; 2585

&lt;211&gt; 1453

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1453)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2585

```

ctcgtcctat atnnantntt aannctgtgt nctatgtat gntnganata tcntctantt 60
nggattangt atctattgan ttttttnta cnggggtcct attnacntat tncnttttac 120
ancatgggtt ntnmntntt nnttaccnng atcnannccg gggctgtntt tgttcaccga 180
gatgcgcctt ctgggacact tccccttggg gccatcatcc ctgctcctna ctttncctcc 240
tctccccttc ccctgngatg tgntgcttga tttgttttac ccctcncant ttttntatan 300
tantctntc aatanncant ntatancttt antntcnaact tntntnaact atnattttct 360
ntcnntaact cacttntatt nttncntttc tatgatgaan nttntntnta ntncgatttg 420
acnagntntt atgataatct natactactc tcntaatata tnanntntng ttttatnttg 480
ttacctngta tcnnttact tatnttnact ntacntatct ntntctantn tnttatntaa 540
tctctanact attctaanc gcactnttct attgtantta tttaatgnnc anntngtcc 600
tncntctcta tacacancta ntacattant nntagntaac tatennnntt attntctgtc 660
cgtntttctt cnttangntg tnnntcanat atgatnnctg tttgncnact ctgactatcn 720
gnacattttc tnggtattcn cacggacnct cncctcncat ntcatnaca nncatntatn 780
ctatactnta ncttacnaat nantacnntt ntcanaatn cnatcntncn tatagtntnt 840
tatnttatct ataantaatn taagtacntn attcttttta ctgtcncnaa acaatgccat 900
gntatctacn tcatcnatta tntntctnn tacnangtga ctatntctn ctctatctaa 960
atnatntctt cnaanncgta tagntatctt aatntantnn anataatacc tatngntant 1020
acgtatccta tcaanatnat cgnnacnct tgatctgtta tnttantnta ntaacatanc 1080
ttcntatcta ngttaagnat gtatatatna ncnnacatna nntattctat gcntaantat 1140
cttatnttat tanntcance nctctcncn tcntatactt tcntaaacgc actatatntt 1200
gtanatntaa ctaancnct ctctatctat gttcacctnt tatanaaatc tatcatacna 1260
ttananttcg atngtatcta tntctnttct cataacttngt ntctgnaacc ctnttaccag 1320
catcacttat ttctngatna nctatntaat ttcgntacg ctanncntnt atgtaatntn 1380
nttnnaaact natntctcan cccntccta tctaaanngt tacncataat ntacctgtct 1440
cncgnncatn nnc 1453

```

&lt;210&gt; 2586

&lt;211&gt; 711

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(711)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2586

tnaccacgat	cgantccgtg	ctgtcgaaat	tttccagttc	ttttttcagc	ttctttattt	60
cctcctaattg	gaaacattat	ctttaaaagt	tgcataatagg	aaatatacat	attttacgtt	120
tgaacaagga	gatttaattg	taaatatgaa	agccaaagta	ttcctgaatg	gtcaaataca	180
gcaataaagg	cagaagaatt	aagatttttc	tttggtccat	tgtacagtgt	aaataactaa	240
gttggttaact	gtcaagtcca	gttatgtatt	ctgtaagttg	tgttctagtc	tttgactaaa	300
atttatcatc	tcttataatg	ggacttaatc	tttctctaaa	agcatataag	agcttgctcaa	360
tagagcaatc	aatcaaaaag	attttgtgat	tcataacatt	gaagttagtc	tgggttaagag	420
ttttggttta	gacttcattt	atattttcct	tactaatatc	taatatTTaa	tgaataatga	480
tcaatttttt	ataaagttat	taatatgata	agggaaacct	ttgggacttc	tgacaggcat	540
ctggtgaaga	gacaattcaa	gccttagtga	ctatttagaa	tagccagtga	tcactagcta	600
attctcatat	ccatgccttt	ttgtcctgtt	tacagtctta	aaagangtaa	aacagcaaat	660
atTTTTTTaa	gggactatac	cttaaggatt	cctgaaaaag	aatttcaaaa	a	711

&lt;210&gt; 2587

&lt;211&gt; 704

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(704)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2587

taccnecntc	gantccgtgc	tgtcngcctt	ttaatagttc	cagtgaggtg	agagctggat	60
gaggtgggta	caacagaatc	atcaaaaatc	tggccgttga	tgggacctca	gagtcacttg	120
aggaagcaac	atttgagcag	catctaggag	ccttctggga	aaagatggag	aaaactaaag	180
acgttaggtt	tattgcaaac	caatcaatca	tactcactga	tcacctacta	gaggaaacct	240
gtgataaacac	ttgtggggag	atttatagaa	agaagacgta	tttgacatc	aggattttac	300
atcatgatgt	gtgcctgtgt	gtgtctgaaa	aatactagca	taacaagctg	gtgagtacac	360
tatgaaaaaa	aacaacaaca	cctacttcat	ttggcagagc	accagaaatg	agggggtaat	420
gaggtcctgt	ctttgtggca	tggtaaaaaa	aaaaaaaaat	tgccttttta	attcagtttn	480
ttnttctgaa	atgaaaaaag	taanatttac	ccctgaata	cttgacagga	tgtttgcaag	540
gcttggttaa	ttnttgtaaa	tgttttgagc	tcctntgang	ngtgtgttct	ntaaatagga	600
ggtttaatat	caccgtcana	ctgaacaaac	tganttgagc	tgcantnntt	ttccgggaaa	660
naaacccaac	cccntaaag	cntgaccccc	ttctgggnnt	gcnc		704

&lt;210&gt; 2588

&lt;211&gt; 726

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(726)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2588

tacctngnnc	gattccgtgc	tgtcnnactg	antaggtngc	gcngtncana	ctnacacagc	60
acctcgnttn	tacacaggag	anngaaatgg	ccgtactttn	agaactgcag	tgcttgtagg	120
gggatattnc	ngccnnnnga	ntttnnngatg	tncatggnc	ttgtntnaag	gtnnngngnn	180
tnnccntnat	gtggactttg	aatgggtncat	caaaagattg	gtttttgcag	agattttaaa	240

```

ggggggagaat tctacaaana antgntacct nnttannncn ncntnaanga tganaaatcct 300
ggtnagaagnt nggttaaaaa nngctaaatt acntagacnt angcattanc nnntnnngngn 360
nncaatntng ccaccnccn tggnatcatc tagagtgaat gttaccaana tngcattcta 420
agntctatctt aactgactcg cactgnatga cgaatttaaa aaccttcttt gnatnggntt 480
ancaaaaactg tgcntcacca ttgcacantt antgtcctat ctatncatnc gaaacttttg 540
ggggcctgtt agccnacact tnaggaccng gccatctcat tgggactcat tgatggcttn 600
tntnctana aacantttnt gttttnaacn gggatatnacc tcttntttan gggatttttt 660
tttngaccc caannactan tttgagnatn ttnnttttgc gcaaaaaaaa atgggtttct 720
ttaaant 726

```

```

<210> 2589
<211> 1444
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1444)
<223> n = A,T,C or G

```

```

<400> 2589
ccccccccc natattannt gtgtncnact nnanggagtn ntttnttttn ctctnnnagt 60
tntangttaa tcttnatnan ncntnctcc agatacatag angcntgggn ttnttcccca 120
tngeccctan ngggnnttttn taanaannta atcccnccnt attgagcatc ntttncgccc 180
atnagaacnc ngggnntatt ttngaactag gaanatcggt cacnncntng cnggtgagtt 240
catgattaat anattacana ngtggatnaa nttnaaanac gtcagtanan ctatntnta 300
nnctnagana gngtgantgn antnncnnac gaacngannt nntatngtac tntctgangta 360
ggntactaaa ttacctnnan ataatacat ctaagtatng tgggtctcta atgttatgaa 420
ngntacgctn ttaanngttn gttnttgccg gntanntanc naaacatann taactantgg 480
tgacaacatn tngntcagcn acnntctctt aannatggga angnacanat gncngnatcg 540
tacattangg ctgngtate atgagnnctg ntnataaang ataaggatan ntntccntaa 600
tggaattcta antgtatggg canataaaan gtanntgaaa ncgnntngcn aattgctacg 660
aanantgnat gcaatagnng aagcgtatgt aagggtnccg tcttntacgn anatataatag 720
tnttgnatnc ancgatcna taannttatc ttatgtatat ctnnnacatt ttaagtaca 780
cgtgaangan nttgccanng cannattaca tnacattgnt ntnagttaagt gatnggnaca 840
ngcttaggga aatcantgag cncagggnat ntnaatatna tcggnntacc ntaggtnatn 900
ngaanaatggn natgtaaaag ngttcnnaat atatactnctn aacgatctgn nangtgtang 960
gagtnntcta acacanggtt aatntacggt nagtgagnga aannnattan gtatncatat 1020
anaatngtga agcaaagaat ntcgaacnct tanntcacnt tcagctatnt aagctngagt 1080
acacnagcat tnnntcntna nntaancaat ngctacacgt ctanactngc natatggtag 1140
agnatcacan gaacgtactc ntttatnctc aggaatnnat gaacggtag acttntnaac 1200
gtntacangn naggaatat natncnatgt ctagnatna cnaatatnt ctaacngacn 1260
aatnangtan tnngtgtntn aannacntcn tgnctatnt tnnattntc cacatantat 1320
atncngaaga tcaatattnt atcatnactg tatgntagac nanttggtan tantaanaac 1380
gnagcnctan acnntnncgc aggantatnt annnacntng tacgntctnt atacnnntan 1440
nncg 1444

```

```

<210> 2590
<211> 739
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(739)
<223> n = A,T,C or G

```



```

<400> 2590
naaccacgat cgaattccgt tgcgtgcgtt gtccttttct aatagttcgt gttttagaaa      60
ttcagaacaa acaattttctg aatgctcctc agaacgccaa ctccaggcaga gaatctcacc      120
gaaatagaga agaagctcat gtcctcgga gaaacagccc gaggagagcc gctgggcccac      180
atctggccac tgcctgcagc gctgtcagat tgctggggcc acatctggcc actgtccaca      240
gtgctgtcag atccaaggag agccgctggg ccacatctgg ccactgtcca cagcgtgtgc      300
agatgccgac caaacctgc tttggtgttg aggtggttcg tctggtagcc tcctttctta      360
aggttattta atctgctgca aattgttttc atgtatgcaa tagatgttac tgtaactgtt      420
ttataagggtg cattgtcttc acctggcag gctctgtgcc agtctgtgtc tagtctgatg      480
ccattctctg acacatacat ccttgcccca ncattttgga nggctggagt taaggaataa      540
tcctgggtggg gacttaatat taactatttg ggantgggaa cttaatatg gatcctcatg      600
gtccaactgg gccccacctt tcccaaacc caaaaaang gntgaanaat ttntcttttt      660
taacaaaaaa cattttaacg attaagggcc aatacttntt aaaaatnagg ttaattaaag      720
tttnattncc ccaccaat

```

```

<210> 2591
<211> 704
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(704)
<223> n = A,T,C or G

```

```

<400> 2591
naaccncgnt cgantccgtg ctgtcggcag agcgaaaggt ggncgagtc tgaaggagg      60
cctgatgtct tcatcattct caaattctta ggacggtcgg gccctggaag gaacgctctc      120
ggaattggcc gcggaaccg atctgcccgt tgtgtttgtg aaacagagaa agataggcgg      180
ccatgggtcca accttgaagg cttatcagga ggcagactt caaaagctac taaaaatgaa      240
cggccctgaa gatcttccca agtcctatga ctatgacctt atcatcattg gaggtggctc      300
aggaggtctg gcagctgcta aggaggcagc ccaatatggc aagaagggtga tggctctgga      360
ctttgtcact cccaccctc ttggaactag atggggtctc ggaggaacat gtgtgaatgt      420
gggttgcata cctaaaaaac tgatgcatca agcagctttg ttaggacaag ccctgcaaga      480
ctctcgaaat tatggatgga aagtcgagga gacagttaag catgattggg acagaatgat      540
agaagctgta cagaatcaca ttggctcttt gaattggggg ctaccgagta ctctgcggga      600
gaaaaaagtc gtctatgana atgcttatng gcaatttatt ggtcctcaca ggattaaggc      660
accaattatt aaggccaaga aaaaaaaaaa aaaaactcct ggnn

```

```

<210> 2592
<211> 1481
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1481)
<223> n = A,T,C or G

```

```

<400> 2592
cncccncnn ancannngng ntgaaagntg tgntgatgga tatnnaantn antatatggn      60
ntatattaat gttttatnng taccctntn aggtntnta nntagnttn tctttcctat      120
ngtnnnnnnn nnnnnnatga ntaccnngnt ngaatccggg gctgtantcg gcannngtc      180
ccccggctng nganaattat tatatnnata ttacgnatan nnatacatta naattgtttt      240
cntcttaaaa tttggggggn tttttttnat ntcgagnatn anttntnaat nngcgatttc      300
tctatacnat tgtcnatnta ntanccttat atnangatct nctatgcatt anancatgta      360

```

```

ttntnnatgt gttntgtann attcttntgc nttgntntat naaatcnctg tatttataag 420
natngtagna tntttttatn aatacnang cngtanttat nntnctattn agtntntaat 480
tagttcnaag naanttatta canatnaatn tttntatana nggtagntag ctgtgatgcn 540
atcgaaactnt tatntnatat gtatatngc aaaggactan ataantngtat gttatntnnn 600
cntncnangt acgtgncnna aggtatcgat gtnatnanct gcnnctgana natnnngann 660
ntattnangt natngatntn atcgctacgt tntngcnaaa tatcgctcct attttntctna 720
ncnnanntat gntagantat gagnantata ccntacgtaa gganttatna tatnttgtn 780
tatcgtaant naaacgtant atancgtntg ngatgtgcat nantattana nnttanngaa 840
tganntanga ataggngnnn tgagtgngagt aatntncata tttnggtata nattgcncta 900
ngnacgtgtc tgaagtntgt ntatngctct cattatttat ttcgancgt antatttgtt 960
atgtantgat tacctanntt angtaatatn tattnagnnc tcttgagtt tatntgtnta 1020
gntatgggat cnnactnata taanatanta gttgnntatg anacttaatt gnangtaca 1080
nnaantcaan gtnatattna atnacgatga gnancgtan attagnntat nntactgtaa 1140
tttaggctat atagtattnt gnntancnaa anannacna tcttntncat tcnncgatn 1200
nntctatctt tngcangntc aagcaatnna tgntnancna nanaggtagg ntcatannta 1260
gntatnnta ttaattagcn atnttcgtat cngcacnana tagntantat antttnnnn 1320
atnttaggnt ctgtattata tnatncnct ngagtntnn cnaagtata gnnctacatc 1380
atgtncaten tantnttga nanatcnnc gttnttgatg actgnagtga ntaanttacn 1440
agatngaata tatnngngct atctaaaact acnacgttan g 1481

```

<210> 2593  
 <211> 756  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(756)  
 <223> n = A,T,C or G

```

<400> 2593
ttnccttttt cnaattccgt tgctgtcggn acactttgtg atttccatta aggccaactg 60
cattgactcc acagcctcag ccgagggcgt gtttgccctc gaagtgaata agatgcaaca 120
ggagaacatg aagccgcagg agcagttgac ccttgagcca tatgaagag accatgccgt 180
gggtcgtggga gtgtacaggc cccccccaa ggtgaagaac tgaagttcag cgctgtcagg 240
attgcgagag atgtgtgttg atactgttgc acgtgtgttt ttctattaaa agactcatcc 300
gtcaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa 360
aaanncnnnn nnnngggggn tttttttttt ttttncnna aaaaaaaaaa nntttnngg 420
ggnnnnnnccc cccccctnt tnnntttnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 480
nnnnnnnnnt tnnnnnnnnn ttntnnnnnn nntttnnnnn nnnnnntnnn nnnnnnnnnn 540
nnnnnnnnnn nntttnnnnt ntntntntnn nntttnnnnn nntttnnnnt nnnnnnnntt 600
tntnttntnt nnnnnnnnnn nnttntnttt tnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 660
nnnnnnnnnt nnnnnntnnn ntntnnnnnn nnnnnntnn nntttnnnnt nntttnnnnn 720
tntntntntn nntttnnnnn nnnnnnnnnn nnttntt 756

```

<210> 2594  
 <211> 684  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(684)  
 <223> n = A,T,C or G

<400> 2594

```

cccatactcn catntccagc tctatgctca gagaattacc agaaaataaaa attacatgaa      60
gcttgaatat agggagatgg aaagatatta gacaaatatt aaagaaaatc tggggcagggt      120
gtggtgggctc acacctgcaa tcccagcact ttgggaggcc caagggtggga agattacttg      180
aggcaagggg tttgagacca gcccgggcaa catagtgaag ctctgtctct ttaaaaaaga      240
aagaaaagaa aagaaagaaa gaaaagaaa tctcagtgaag tgatgggtcag aatagaattc      300
aacataacaa gctcattatt aaaatatttg atctcactgt gtacaattct gaagacactc      360
attcatgtac ttcattaaat atttctagtt tgctaaaaat agaattaccc tcaaccagg      420
caatcccatt actgggtatc taccaaaagg aaaaaaaaaa tcattctatg aaaagatgcc      480
tgcacttgta tgttcacac agaactatct cagtagcaaa gacatggaat caaccangt      540
gcccatcaac agggggactg gataaaanaa aggggtggta caccggcccc ccttgggaat      600
actattgccg ccctttaaaa aaaccatgga aatcctgtnc ctttgcaata acntngattc      660
cactnggagg gcatttttnc ttaa

```

684

&lt;210&gt; 2595

&lt;211&gt; 708

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (708)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2595

```

taacctcgnt cgantccgtg ctgtcgnttt ccactattga cactgcccgg ctgattcaag      60
cttttgccca tgaaagagta tgcttgacac ccagacgaat taaattatat agcagcatca      120
ccaaccaaca gaggagatac cttgagaagc ggagcaaaaca cagcaagaaa gtgctgaata      180
caggctcatcc cctagtgact tctgagcaca ccagaaggag acacatccag gtagcaaacc      240
atgtgatttc ttctgactct atttcctctt ctgccagtag ttctctgagc tcaaactcta      300
ctttttgcaa caagcagaat gtacacatgt taaacaaggg catacaagca ggtaacttgg      360
agattgtgaa cggtgccaaa aaacacactc gagatgttgg gataactttc ccaactccaa      420
gttccagcga ggctaaaattg gaagagaaca gtgatgtgac ttcttggtca gaagaaaaac      480
gtgaagagaa aatgctcttt accggttata ctgaggacag aaagttaaaa aagaacaaga      540
agaattccca tgaaggagtt tcctggtttg ttctgtgga aaatgtggag tctagatcaa      600
agaaggaaaa cgtgcctaac acttgtggcc tgggcattctc tgggttgaac ccattaccaa      660
gaaccgaccc tggaggagac cactgnggga gcaaacttgt cangggct

```

708

&lt;210&gt; 2596

&lt;211&gt; 694

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (694)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2596

```

gngctgtcac actgaagttt tgttcnagac actttgggct tgcgtgattg aaaacaccac      60
accaactgaa aaatcactgt gaaaaagaac ctggtagtac tgtcaatata aagtaggatt      120
cattaatttt ctgacattac tggacaagat gggttcgtgcc attcagaaaag ctctttttct      180
ttcttcttct ttcttaatac agtgaggcat acaacgtagc ctgccttatg gttaagttgg      240
gtgtatgact tgtaaaacttc cctcttgcta ttaaagatta tataatggga agttcattgg      300
ttttgaaagg cagaccaaac ccacccatgg gatttctatt ggcttttttag atgtattgca      360
tttctctgag taaacccatg tggtgagaa atagttagta gcttgttggc tgactgtggg      420
aaaacctatg aaggatcagt tgatctcatt tgggcaggag tcagaaatgg ctgagaatct      480

```

```

aaaactatat atatgaggat ggttttctct tgatgttgca atctttatct taacatgttt      540
ttgtgttttag cttctggagt tgcctaacag tataatttca aatgagggtt aatttcagct      600
gtttaatttt aaactgtang ggaacatgat taaaaaaaaa ttaaaggctt tatcatttgc      660
cttaaaattt taatggtttg gtataaaaaa gant                                     694

```

```

<210> 2597
<211> 712
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(712)
<223> n = A,T,C or G

```

```

<400> 2597
tgacctcgnt cgantccgtg ctgtcggcct aagcataaaa ccaaaattat aaaactccta      60
gaagataaaca caggagaaaa cctggatgac cttgggttgg caatgacttt ttagatacaa      120
taccaaaggc atgtcccttg aaagaaataa ttaattgaga agccagaagg caaaatggta      180
cagccatttt ggaagacagt ttggccgttt ctcacaaaac taaatatact cttaccatac      240
catgcagcaa ttatactcct tgggtgtttac ccaagacttg aaaacttgtg tctacacaaa      300
aatctgcacg agtgttttaa gcagctttat ttttatttat aattgccaaa gcttggaggc      360
aagtaagatg tccttttggt agtgaatggg taaactatgg ttcattccaga taatgagata      420
ctattcaatg ttaaaaaata ataagctatc aagccatggg gagagatgga ggaaactgac      480
atgcatacta ttaagtgaag gaagcccatc tgaaaacgct acgtactata tggttccaac      540
tgtatgacgt cctggaaaaa gcaaaaactt ggaaacagta aaaagatcaa tggtttagcag      600
gatttgggca ggggaangga tgaataggca gatcacagat gatttttang agagtaaaaa      660
atgcacngna ttagaatgga tggatcatat tatccatttg tncaaaccn ct              712

```

```

<210> 2598
<211> 860
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(860)
<223> n = A,T,C or G

```

```

<400> 2598
cgncctcgnt cgattccgtt gctgtcngcg cctgcctttc ccatctgtct atctatctgg      60
ctggcagggg aggaagaagc ttgcatgttg gtgaagggaag aagtgggggtg gaagaagtgg      120
ggtgggacga cagtgaatc tagagtaaaa ccaagctggc ccaagggtgc ctgcaggctg      180
taatgcagtt taatcagagt gccatttttt tttttgttca aatgatttta attattggaa      240
tgcncattt ttttaatnnt caaataaaaa gtttaaaanc ttaaaaaaaa aaaaaaaaaa      300
aaccncnngn gncnttttt tccttaaaac cnantctnaa aaanccttt nnnnatttng      360
nccncccccc cmttaaaant cnnnnccntc ttactntnnt tncnattttt ctttttantn      420
tnnnntctnc cntcatttct tnttntnttt tttnnanncn tntntnctcn anttctntac      480
tntnnnatte actnctctac ttncntttct actntttttn nnnntcttn cntnnntnta      540
tctnctctnn tcaactntnt nnnnttttnc tctnctnnnt cnnntnnctc ncttncncnc      600
nccnncatte nttnnnnttn nntattntnn nnnnnnnan ctnntcnncc ntncnatntn      660
ctnnnnntnc ntctnnnctc nttnnttate tnnnnnnctt cttnnanntn cntcnnntnt      720
cnnctnnct nanctttttn nnnntttatn anntctcnn ancactntn tnttncatnn      780
ncttntntt nnttntcnn atntnctcnn tancntttnt tancnctact ctcantntnt      840
nttncctttn nnnntttnc

```

<210> 2599  
 <211> 939  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(939)  
 <223> n = A,T,C or G

<400> 2599

cnacnacnnn nnannnnnnn nnangngnna nannganaan naggnantan nnnngannnn	60
nanaanannn nnnangggga gancangnan ngannntaan nccacnnnnn nnnnngaggc	120
gaannnnnaa agtannnnann nannannnag nannnnnnnn nnnnnnnnnn nnnnntaana	180
cccttgngaa aaacccgggg gctgtnaaaa cncgcngag gncccgctgn ngcnggaana	240
gtagaatcaa gaaccgagga ttttcatggt gactgggagg acgagcaaaa ggaggcttac	300
cgaatccgga gatcccgagg aggaggaaga ggaagaggag gaataannng naagaactgt	360
cacaggtang gaaacatctc agnaaaagca gggattgagc ttcataaat nctaagggca	420
tatnaaggag caangacttg aaaccnngta aganaanggg ggtggaataa nctctgatac	480
ntccatgngc antggagagn naaaggngag agccacggaa agcacgagac agntcngngt	540
aaggggnctt ttncagttgn ggaancaggg agcaaanggc atcnagaggg nccngcaaca	600
caanacaata tgcttannag agggatnaat naanaacnnn ggagctaggc atgngaggcn	660
tcgagcctgg naaactacaa cactntggga aggccaaggn aggcggagaa taccaaccn	720
gaaacaaacg gtagagaaaa ccccatctcn actaaaaaan caaaaaatga gncngggcgt	780
ngngggcaca ancccggnan nccanatan ncanaaagct nnagggcang aagaaanncn	840
tcgaaaccag aacaagcaga angtaggagg ncganatnaa aatagagcca gatngnggan	900
ccaacangng nnaaaaagaa caaaaacatc naccnaaag	939

<210> 2600  
 <211> 711  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(711)  
 <223> n = A,T,C or G

<400> 2600

gncacgatcg aatccgttgc tgtcgggggtg agagagatgg tgttctggac acttcccctt	60
ggtgccatca tccctgctcc tcccttcctt cctctcccct tcccatgaat gtggggcttg	120
atttggttta ccccttaagt gggctgaaga tgtaaagctt aacctcttcc aaactagatg	180
ctttgagggt ccagctgtca ctgagaacag cttggtagct ggtgcagcgt accagcgtgc	240
agaggcagca ttgttcagct ggagcctcac tgcaggagcc tcatctacca gagggctcct	300
tccatactgc ctccatgctt cgctgtagaa tcaggaggcg accacagcag cagaacactg	360
ccaccctagg atccagagct attgcacaaa attcacacac aggtgtggct gtgacgtgtg	420
gccataagca tcttcttcct ttatggcaca gtttctgagt gtagcagagc ttgatggggg	480
tgagcccaac acccacactt ctccctactg ccttctctcc ttctcagcac ctctgaactg	540
aggctggctg aaggaaagga agcaccagag atgattcccg aggtgttttt aggtcaggag	600
gactggcat gaggcangct ctgcagttgg gtatgacctg ccctgcttta cctgggacca	660
gaaattnctg ggaanggggc tctcaacgct gaaatggtga tgtnggggna a	711

<210> 2601  
 <211> 710  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(710)  
 <223> n = A,T,C or G

<400> 2601  
 nacacgntcg antccgtgct gtcgctgggc tagaacctca ntctagtgtt caaaggagct 60  
 ggcagaatgg gttgtctcgg catggaggac ccaaaagcag agctccctgg tgctttgggg 120  
 gagagtgaag cccttcattc cactcctcat tgcagaccag ctttcctggt attcatgcac 180  
 tgctttttgt aacgcctcaa atgaaggcca cagctcagcc aagtagaaga gagctcctaa 240  
 taaatgaagt ctggttgctt ttgaatttat aaaataatca aagttgctat ttcttgctaa 300  
 ggagacagat acagaacagg tgataggcca cagtcattac tgtcccctgc ttgttccttg 360  
 agcccctggc cttctacctt ttctaactgc tgtcagaacc ctgggtgggg acttcctttt 420  
 gcctgggtct cctgggcttg aatggcaacc tatattgaca gatttcatgc cacagttctt 480  
 tttcaaacaa gatgattcac aatggaataa ttgggttttg gaagaagcct ttttaaagca 540  
 aactatggaa aataattgat gagtagcgca gttttataaa actttttttt ctattaccct 600  
 tttaaaaact atgttgctaa ctgcacatca cactgcattc atatnctggg gactaatacc 660  
 ccttgacctt gccatttgaa ttaangngga aaaaaggtca taagnacat 710

<210> 2602  
 <211> 715  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(715)  
 <223> n = A,T,C or G

<400> 2602  
 naccncgatc gantccgntg ctgtcggaga gtggaggcca gagaagacca aagctgagga 60  
 atgcgacctc aggatttctt tctttctggg gatagttctc tttaggagga agaggagtta 120  
 gcccctcact tgcttatccc tctcctatgc tctggagttc ctctccacc ttgccccac 180  
 cccacattgc cccctcctgc tcggtcagtg cctggccagc tcaggcagct tgcgtcacag 240  
 taaggtaaag ccagaatgag ttttaggtct gagtgagatt ggaaaagcca ttctctgac 300  
 cctccccacc tgctcccgtc tctccaggca tcctacctgc aagaggacac tgtgaggcgc 360  
 aaaaaatgtc ccttcagag ctggccagaa gcctgtgagt gctgttgaca cgcacccttg 420  
 tgcacacaca tcccctttct cttctgtct cctacacaca catgtacaca cacacacaca 480  
 cacacccgc acttcacaca tgtgctgggg gaagtcccca gaagcatgca ggtactttcc 540  
 ctggagtcag tggggggaaa agggctgcca agtctaccag tccgcttgcc aatagatcaa 600  
 agatcgcttg agcaccgcga gtacttgta aaaagtttan aaatatgagg cctangagaa 660  
 ggtgtcctaa gaagatggcc aanaagaccc attnccatac anctnttgtc nattg 715

<210> 2603  
 <211> 707  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(707)  
 <223> n = A,T,C or G

<400> 2603  
 naccncgatc gaatccgtgc tgtcgccggc ctctatgccc ttctttccgg gcctgtttta 60  
 agagcatttt cagaatacac acagaaacag gcaacatttg gacacatctc ttaggttggtg 120

tattcttcct	gtgcctgggg	atcttttata	tgtttcgccc	aaatatctcc	tttgtggccc	180
ctctgcaaga	gaagggtggtc	tttggattat	ttttcttagg	agccattctc	tgcttttctt	240
tttcatggct	cttccacaca	gtctactgcc	actcagaggg	ggctctctcg	ctcttctcta	300
aactggatta	ctctggtatt	gctcttctga	ttatgggaag	ttttgttctt	tggttttatt	360
attctttcta	ctgtaatcca	caaccttgct	tcactactt	gattgtcatc	tgtgtgctgg	420
gcattgcagc	cattatagtc	tcccagtggt	acatgtttgc	cacctctcag	tatcggggag	480
taagagcagg	agtgtttttg	ggcctaggcc	tgagtgaat	cattcctacc	ttgcactatg	540
tcactctgga	ggggttcctt	aaggccgcca	ccatagggca	agataggctg	gttgatgctg	600
atggccaacc	tctacatcac	angagctgcc	ctgtatgctg	ccccggatcc	ccgaaccttt	660
ttncctggca	aatgtgacat	ctnggttcac	tctcatcaac	tggttcn		707

&lt;210&gt; 2604

&lt;211&gt; 704

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(704)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2604

tgcttgcaat	taaattcncc	gtctcagttc	aagagtgaat	atagcaactt	atgtgaacct	60
gagcagtttg	tggttgatg	gagcaatgtg	aagagactac	ggccacggct	cagtgtctatt	120
ctctttaagc	ttcagtttga	agagcagggt	aacaacatca	aacctgacat	catggctgtc	180
agtactgcct	gcgaagagat	aaagaagagc	aaaagcttta	gcaagttgct	ggaacttgta	240
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cttagctctc	tctgtaaact	aaaggacaca	aaatcagcag	atcagaaaaac	aacgctactt	360
catttcctgg	taagaaatat	gtgaagagaa	gtaccctgat	atactgaatt	ttgtggatga	420
tttggaacct	ttagacaaaag	ctagtnaagc	tntgtanaaa	cgctggaaaa	gaatttgagg	480
canatgggaa	ggcagcttca	acagcttgag	aangaattgg	aaaccttttc	ccccctctga	540
ggacttttga	ttgacaagtt	ttnggacnaa	agatgnccaa	gatttgttat	cnagttgcaa	600
aaagnacaaa	tatgagacac	ttttcgaagt	ttacacgaaa	acnntgggaa	aagttattcc	660
cgaantttta	taggnatact	tttgcccatn	gatttgaaaa	aagg		704

&lt;210&gt; 2605

&lt;211&gt; 743

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(743)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2605

nnagatcagc	tcttgttctt	tttgcaggat	cccatcgatt	cgggatcctc	caggctgccg	60
gctgggaagg	cgtgggcgac	ccggtgtgtg	gcgcgcccag	agccccgcgt	ttcagcccta	120
gggaagggaag	ccagttgagg	gaagttctcc	atgaatgtac	gtcacaatga	tgatgaccga	180
ccaaattcct	ctggaactgc	caccattgct	gaacggagag	gtagccatga	tgccccactt	240
ggtgaatgga	gatgcagctc	agcaggttat	tctcgttcaa	gttaatccag	gtgagacttt	300
cacaataaga	gcagaggatg	gaacacttca	gtgcattcaa	gatgaagtgg	tgaagagagc	360
ctgcgattga	agattttttc	atctcagctt	tttccccctt	accttgttct	ctctcatggt	420
tcatgatctg	tgtcatagat	atctcttcat	tacgagcact	tcgcgggtgtg	gcttttcaat	480
gtctgaagtg	gattaagtgg	cccacagtca	gttctgtgac	ttgagtttca	aaagtnaaat	540
taccatcaac	aatgtgattc	aattttattt	tctatactag	ctaaaagcaa	ggaactatat	600

tattaacaat cttggcttta ctgtagtta aggcagggtga tgatgatgct tattagtcca 660  
 cctgaaagag tccttccang tttttggaac cttattcctg cttattacct tgcccttgaa 720  
 aagtccttca tggaaagtgg aat 743

<210> 2606  
 <211> 675  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(675)  
 <223> n = A,T,C or G

<400> 2606  
 attcanatac anctacttgt tctttttgca ggatccctcg attcgggac ctcagggtc 60  
 cgggctggga aggcgtgggc gacccggtgt gtggcgcgcc cagagccccg cgtttcagcc 120  
 ctagggaagg aagccagttg aggggaagttc tccatgaatg tacgtcacia tgatgatgac 180  
 cgaccaaatt cctctggaac tgccaccatt gctgaacgga gaggtagcca tgatgcccc 240  
 cttgtggaat ggagatgcag ctcagcaggt tattctcggt caagttaatc caggtgagac 300  
 tttcacaata agagcagagg atggaacact tcantgcatt caagatgaag tggatgaag 360  
 agcctgcgat tgaagatttt ttcatctcag ctttttcccc cttaccttgt tctctctcat 420  
 gtttcatgat ctgtgtcata gatatttctt cattacgagc acttcgcggt gtggcttttc 480  
 aatgtctgaa gtggattaag tggcccacag tccagttctg tgacttgagt ttcaaaaagt 540  
 aaaattacca tcaaccaatg tgattcaatt ttatttttct atactagcta aaagcaagg 600  
 aactatatta ttaacaatct tggctttact gtatttaagg caggtgatga tgatgcttan 660  
 taatccccct gaaaa 675

<210> 2607  
 <211> 756  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(756)  
 <223> n = A,T,C or G

<400> 2607  
 ntccccccat cggacctcca gctgccggtt gggaaggcgt gggcgacccg gtgtgtggcg 60  
 cgcccagagc cccgcgtttc agccctaggg aaggaagcca gttgagggaa gttctccatg 120  
 aatgtacgtc acaatgatga tgaccgacca aattcctctg gaactgccac cattgctgaa 180  
 cggagaggta gccatgatgc cccacttggt gaatggagat gcagctcagc aggttattct 240  
 cgttcaagtt aatccagggt agactttcac aataagagca gaggatggaa cacttcagtg 300  
 cattcaagat gaagtgggtg agagagcctg cgattgaaga ttttttcac tcagcttttt 360  
 ccccttacc ttgttctctc tcatgtttca tgatctgngn catagatatt tcttcattac 420  
 gagcacttcg cgggtgtggct tttcaatgtc tgaagtggat taagtggccc acagtcagtt 480  
 ctgtgacttg agtttcaaaa gtaaaattac catcaacaat gtgattcaat tttattttct 540  
 atactagcta aaaagcangg gaactatatt nttaacaatc ttggctttac tgnangttta 600  
 aaggcagggt atgatgatgc ttattaantc ccaccctgga aagaagttcc cttcnnggtt 660  
 ttttggaagc ttttatttcc tgctttaatt aacctttgcc cccttggaag aagtcctttc 720  
 attgggaaaa gnggggaaac anctgnggtt tgacnc 756

<210> 2608  
 <211> 732  
 <212> DNA



<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(732)

<223> n = A,T,C or G

<400> 2608

```

gnnnnnttct aatacnnggc tacttgttct ttttgcagga tcccatcgat tcgaattccg      60
ttgctgtcgc taccattgca agaccccaga ttgcaaggga tgggtgcttct ttgaggatga      120
tgtcaatgag ttcacctgcc ctgtgtgttt ccacgtcaac tgcctgctct gcaaggccat      180
ccatgagcag atgaactgca aggagtatca ggaggacctg gccctgcggg ctcagaacga      240
tgtggctgcc cggcagacga cagagatgct gaaggatgat ctgcancagg gcgaggccat      300
gcgctgcccc cagtgccaga tcgtggtaca gaagaaggac ggctgcgact ggatccgctg      360
cacgtctgc caccaggaga tctgctgggt caccaagggc ccacgctggg gccctggggg      420
cccatgagac accagcgggg gctgcccgtg cagggtaaat gggattcctt gccacccaag      480
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ccacattctg ttagaatgta gctcaaggag cttcgtggac ggcttgctt gcttgtaanc      600
gtttgtaagg gccctgcctg cactgcggtt gtcacggtca catctgcccc aatgcctttg      660
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<210> 2609

<211> 793

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(793)

<223> n = A,T,C or G

<400> 2609

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gctctgcaag gccatccatg agcagatgaa ctgcaaggag tatcaggagg acctggccct      180
gcgggctcag aacgatgtgg ctgcccggca gacgacagag atgctgaagg tgatgctgca      240
gcagggcgag gccatgcgct gcccccagtg ccagatcgtg gtacanaaga aggacggctg      300
cgactggatc cgctgcaccg tctgccacac cgagatcctg ttgggtcacc aaggcccacg      360
ctggggccct gggggcccan gagacaccaa cgggggcttg ccgctgcagg gtaaatggga      420
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gacccaaccc cacatccaca ttntgttana atgtagctta agggagcttc gtggacggcc      540
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ttgccccaat gcccttgtec ttccnttgg ggcttgccgg ncaaaacttt ttttncctt      660
ggggnttccc accttttgnc ttgancccca ancctttaa aaataanccc cctggggccaa      720
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ancanaaaaa aaa                                     793

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<210> 2610

<211> 767

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(767)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2610

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cgagccgagg	ccgcttccgc	tttcttacag	gcttctggac	ggggaggcag	ccctcccggc	300
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ccccacagc	ccagacatga	gctacgagat	catgagccag	gacctgcagg	accttctgcc	480
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acatcgcaag	attaaacttg	cccgnctccg	tgccccaaaa	actggccgga	tgaacaagn	720
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&lt;210&gt; 2611

&lt;211&gt; 949

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 2611

tggaactat	gtccctgcac	caaagaagg	ttcttttgaa	ctttatggag	accgagtcct	60
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atcaaagaac	ttagcctcat	ggacccagga	aagcattgct	ccaaaccctc	ttgctaaaga	180
agagctgaat	ttcttgccca	ggctgatggg	agggatggag	attaagaaac	ccagtggccc	240
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acggagcgag	gagctggctc	gaatcatggg	ggagtttgag	atcacggagc	agccaaggyt	420
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aaaaagaata	taaatcacca	aataaatggt	aattgctccc	taccatttaa	agttacactt	900
ccttacctat	aaagacaacc	tccccctcca	catactcacg	gaaaagtct		949

&lt;210&gt; 2612

&lt;211&gt; 293

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(293)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2612

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ggaagcatgg	agggaggaag	cagaattgcg	ggaccactgg	cgcantgnnn	ggatcangag	180
ctatacttct	tcngaactg	atcnntgntn	cctgcatntt	ntgcacnagg	nnnnaggatn	240
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<210> 2613  
 <211> 534  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(534)  
 <223> n = A,T,C or G

<400> 2613  
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 gatgcagtta tgggctctgt cgccgtggat tggtattttg tgtcagtaag taatccataw 180  
 wgtgcccaaca tgggaaagaa acggwcaawg ggaaaaactg ttccaatcga wgattcctyt 240  
 gaarctttar aacctktgtg yakacacatt agaaaaggat tggaacaagg taatttgaaa 300  
 aaggcttttag tgaatgtgga atggaatata tgccaagact gtaagactga caataaagtg 360  
 aaagataaag ctgaagaaga aacagaagaa aagccttcag tttggctgtg tcttaaatgt 420  
 ggccatcagg gctgtggcag aaattctcag gagcagcatg ncttgaagca ctatctgacg 480  
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<210> 2614  
 <211> 454  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(454)  
 <223> n = A,T,C or G

<400> 2614  
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 tgaacatgat cgtggctgtt attgactctg cacagctcca ggagctggtc tgccacgtga 180  
 tgatgggtaa cctggttatg tttcgaaaag actcagttct caacatactc attcagagcc 240  
 tagactggga gacctttgag cagtattgtg cctggcagct ctttctggcc cacaatatc 300  
 ccctggagac cataatcccc atcctgcagc acctcaaatt acaaggagca cccagaggcc 360  
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 gatgggtgga aggtgngtag ctgaaggccg ggcc 454

<210> 2615  
 <211> 592  
 <212> DNA  
 <213> Homo sapiens

<400> 2615  
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 wctgatsmcy wgmwrtcak wmkkyatct tgywgkagga tggatcttta tttcacgaac 180  
 agtccaagaa atgtgtccag gctgcgagga aggagtcgag tgacagtttc gttccactct 240  
 tacgagactg caccaactcg gatcatcaga aatggttctt caaagagcgc atgttatgaa 300  
 gcctcgtgta tcaaggagcc catcgaagga gactgtggag ccaggactct gcccaacaaa 360  
 gacttagcta agcagtgacc agaaccacc aaaaactagg ctgcattgct ttgaagagge 420  
 aatcattttg ccattttgtg aagttgtgtt ggatttagta aaaatgtgaa taagctttgt 480  
 acttattttg agaacttttt aaatgttcca aaatacccta ttttcaaagg gtaatcgtaa 540

gatgttaacc ctgtgtatatt agaaaattaa aaccttataa tatttttcta tc 592

<210> 2616  
<211> 682  
<212> DNA  
<213> Homo sapiens

<400> 2616

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catcctgtca	tcatctccac	tgtcccaagc	agtcactagg	tggcgccggg	gccagctgga	180
acccagccca	tcctctcagg	cagagcaggg	tggctccggc	acactggggc	tgcctctcca	240
gcctcaggat	gctcttggtt	attctgggct	cagaccctcc	tcttgtagct	ctcatcacag	300
ctggttagaga	cccaggagtg	cctgattkct	ccacaggggt	ggcgcacagc	tctgggacca	360
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tgtaatttg	ggttgtgtgt	ggatttactt	tgctagattt	tctctttcac	cacgtgtgaa	540
ctgtgggtga	ggtttcaaag	tagcttcacc	ccacgtggct	tggttcccag	ggacagtcag	600
gcctcggggg	cccagctatg	tacaacgaag	ctgtcgaagg	agaagacaat	aaagtcgtcc	660
gcagctgctc	tgtgtgtttc	tc				682

<210> 2617  
<211> 581  
<212> DNA  
<213> Homo sapiens

<400> 2617

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ctatcattca	gagtgggtggc	aactataatc	tcaagttcag	tgtgggtgagt	gacaagaatc	180
atatgcactt	tggggctats	acttggtgcca	tgggtattcg	cttcaagtct	tactgtctcca	240
accttgytcg	cactttgatg	gttgatcctt	ctcaagaagt	tcaagaawat	tataactttt	300
tgctccagct	tcaagaggag	ctgctgaagg	aattaagaca	tggtgtgaag	atatgtgacg	360
tgtataacgc	tgcatggac	gtgggttaaaa	agcagaagcc	agaactgctg	aacaaaatta	420
ccaaaaacct	agggtttggg	atgggaattg	aattcccgtg	aaggctccct	agtaatcaat	480
agcaaaaatc	aatacaaaact	tgaagaaagg	aatggttttc	agcatcaatt	taggattctc	540
cagacctgac	taacaaggag	gggaaaaagc	cagaagagaa	a		581

<210> 2618  
<211> 594  
<212> DNA  
<213> Homo sapiens

<400> 2618

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cggsggaggt	ctgggaastt	gagcagggac	aggagttacc	actgaggacg	cagaagtgc	180
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gtcagtgcact	atggccccc	cgttcaggag	gaaggtgtga	tgccgtcata	cagttacagg	300
aaaaataaga	acttcctcag	aaagaacagg	tccgaattct	tcctgtctcg	tcactgattt	360
tgaggttctt	ttttctcttg	gtgacaatag	gtgaccacg	tggtctctgtg	tgtttttaaa	420
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agggcctgc	tccaccagct	ggtgggtgtt	tgtaatcgcc	aagcaccagc	tataggctac	540
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<210> 2619

<211> 859  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(859)  
 <223> n = A,T,C or G

<400> 2619  
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 tagagagttt taatgaatac cttttcgctc ttcagagtca cttatgctat tgggaatctg 180  
 aagatactgc tctgttacta cttaaagaaa tttatcgaac aatgaacatt agtccagaac 240  
 agccccagca ttgatcaaac ttcagtttta ctgtactttc ttgtctgcac agaaagtccc 300  
 agtacaactt ccattgctga gaaaatcctc agaggacttt cccacttcgc tcctgtgatg 360  
 gatgacagaa gagtgattca ttaacaattg ctcagccaca attctcggat atagggattc 420  
 aaaagacagg ayacagaact aacacagtga aaaaaatcag taccacattt ggacagtata 480  
 ggtgagaaaa cataattata aaaatgatgc catgaaaaat tccacagatc agtttagttg 540  
 tatagtgtgc aaagtatatat gtgatatcaa tgaagaaata tttgtagcat gtaaacgggtt 600  
 atttctgttt cttaaaaagt attgttartg ggctattaaa cttggatttt tctttttatt 660  
 aatgcagtat gtntcttttta tycaagtatg acttggtgag aactatagta atatgatttt 720  
 taagagattt atgttcnctt aaaatgtgaa ttgtacttct gagctgctta atcaggycat 780  
 ttatatattgt taagaggaat accagatcac tcatatccca ctgaatctga ggtttataat 840  
 ccnccaacg atgctggng 859

<210> 2620  
 <211> 988  
 <212> DNA  
 <213> Homo sapiens

<400> 2620  
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 cagttcaatc tcatccctcc cagcagctcc ccttccaccc cccggggaac tgaagattgt 540  
 cctggccgcg acctgagacc tccatgagtg gaggggaagag tgatctatgt ctcttcccc 600  
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 ctgccaagca ccttgaatgg gaggggcctc acagagggca gggccagggt ccagcagggg 720  
 tgggggggtt ctgctctgcc cctgcccgtc cccacccagt cttgcccctc catcctctca 780  
 tctattcccc cgctggagac ggaagatctt ttattttcta ttatttataa cttcagactt 840  
 gggccccctg ttctttcttt cccattaaat tgagtgcact gtgtgagaga cagacagatg 900  
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<210> 2621  
 <211> 854  
 <212> DNA  
 <213> Homo sapiens

<400> 2621

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gcatctttga gcctgccttc cgggtgggagc agaaaaggcc agaccctgct gagttaarag      180
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ctgtctttgg ttaggtctgt gtacttctgc agggaaaaaa aaaaggatgt gtcattggtc      420
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tatttgaccc ccttggtga attcttttgc agaactactg tgtgtctgt cactaccttt      540
tcaggtttat tgtttttatt tttgcatgaa ttaagacgtt ttaatttctt tgcagacaag      600
gtctagatgc ggagtcagag atgggactga atggggaggg atcctttgtg ttctcatggt      660
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ctaaatgtga aaaa

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&lt;210&gt; 2622

&lt;211&gt; 637

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (637)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2622

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gaaggctata tttttgtatt cctgaatgat atcttcacag cagcaaatgg gagtttatac      420
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actggtaggg acctggccaa ccagggtcta cnggggaattt ccaacccatg ggggtgggat      600
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&lt;210&gt; 2623

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 2623

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gctgcatctg caatgaggat gccaccctac gctgcgctgg ctgcatggg gacctcttct      60
gtgcccgtcg cttccggtgg gtgcaggtgg aatgttctgt gcgagagctc aagggtctgcc      120
tgatccctg acttgatcc cttgttcca cagagagggc catgatgcct ttgagcttaa      180
agagcaccag acatctgect actctcctcc acgtgcaggc caagagcact gaagacaccc      240
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&lt;210&gt; 2624

&lt;211&gt; 923

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 2624

gaaagaactc	cctggctgta	gctcctatgt	aggttwaggt	tgagacyctg	gattccacca	60
atTTTTaaag	gttaccatct	gaggTTtckr	atcatagtct	actTTtgaag	cagctgctgc	120
trTTTTcttta	ttccattgaa	caccctggaa	ttgacataat	TTtatctatc	agcatttctc	180
ccctTTttagt	ttatTTaata	attaaccccg	tctccagggc	agTTtTcata	tgaccatgtg	240
tatattcact	gctcacgaaw	aagTTtaatg	ttagattacc	aaattTtaata	tagttacaga	300
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cccaggagac	agaggtTgcg	gtgagctgag	attgcgccat	Tgtactccag	cctgggcaag	900
aagagcgaaa	ctctgtctcc	aaa				923

&lt;210&gt; 2625

&lt;211&gt; 1125

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1125)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2625

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ttaagcaaat	ggcctagctt	tgtggTTTTt	acaaagacaa	atataaaaa	actcacaagn	1020
acaacgtccc	gactgancaa	tatgagactg	atgtctgctg	tgagcacgtg	gatattacgg	1080
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&lt;210&gt; 2626

&lt;211&gt; 620

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 2626

aattccgttg	ctgtcgTgga	ggcttactaa	ccaggTaa	cttctatgca	tccacaccaa	60
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```

aatcctgcag aatgtaagta agctctgctt tataagatgg gttcaccttc atcgcagact 120
gaaagtttca gttttttattt ttttcagaaa gcacgaaaaa ttatttataa tagtctggag 180
aaaaaaacac actgtaatat ttcaagtgtg tgccagtaga atgtactgta actgagccct 240
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acaatgccat ccatgtttgt gctgtagact tgctgctgct gaatccttc tggggacttt 360
ctcatcgggc agggagcaga gggcttctcg ttcatgcacc ctttgctga acacccatgt 420
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aagtcctgct taaaactatg gaaaacctaa cctgattaga gccttgacta ttttgaagat 600
taaattgcaca ctttttatat

```

620

&lt;210&gt; 2627

&lt;211&gt; 573

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 2627

```

gtttatgggt ttacattgtc atgtctccac aggacaatgc acatgggtatg tttgtcagaa 60
cccagttgga gttttgttcc ccagcatcca aaggaaatcc ctaactttca ttttttcttc 120
ccgtaagcca gccccgaaca cttacettat aagcccatct ctacctgaat tagcaatcat 180
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gtctcttttt cacacacact agttagctaa gaatgagctg gggggctggg cgtggtagtt 300
cacgcctgta atcccagcac tttgggaggc ggaggtgggc ggatcacttg aggtcaggag 360
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ctgggtgtgg tggcaggcat ctgtaatcct agctactcrp gaggtctgag crggagartc 480
ccttgaaccc gggaggcaga ggttgcatg ggccaagatc acaccactgc actccagtct 540
gggtgataaa acgagattcc gtctcaaaaa aaa

```

573

&lt;210&gt; 2628

&lt;211&gt; 539

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 2628

```

cttctgtaga tactgaagaa acaattgaac cttatacaac tgaaaagatg agtcgagttc 60
ctggaggata tttggctttg acagagtgtt ttgaaattat gacagkaraw wkcwrcaym 120
tycagggtgt tactacaatc tggaggcaag atctttcttc agtatgtgct gatgtttggg 180
ttgcttgtgg aatcacagac actcctagag gagaatgctg ttcaaggaaac agaactgact 240
cttgatttaa atatagcacc ttttattaac cagtttcagg tacctatacc gtgtattttt 300
ggacctatcc tcattgccct gtataccttt aagcaagcca gtggaactct taagactaga 360
tttaatgact ccgtatttga acacctctaa cagagaagta aaggatatac tttgtaaatc 420
tgaggargact tgacttgcta tttccatttt gggkatcata tgggtaccct gaaggaggtt 480
taggggtggg tacttycagt ggaggcctcc cmctgggaaa ccaagctggc agtttgttt 539

```

&lt;210&gt; 2629

&lt;211&gt; 672

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(672)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2629

```

aattccgttg ctgtcgataa aataatgcat gtaaggccct cagcatagt cctggcacag 60

```



```

aattactgct caaatgttag ctgtcgtatt aatattgksa cktttgcacr ckkatgtaca 120
tttsctgttk atsyakgctc attctttaag cattctccat gcttaaacca gttccataat 180
ccctaggcct gtactccagg gattgagact gaaaggatca tttatgccat gttctcttaa 240
aagcatcatt gctggaagac ttttgataag tctgatgtgt ctcaagctat tctcargcct 300
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tggcaacatc atctcgttgg taggaatttt ttacttgaat tgttattttg ggaaaatggt 600
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cctctcttaa aa 672

```

<210> 2630

<211> 424

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (424)

<223> n = A,T,C or G

<400> 2630

```

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taaaaatatt caaagccagt tttgttgttt tcagcagtta gtaactatca gtagatgaat 120
atttactagg aaacattggg cttttaacca ctttgggcat gcttcttatt tagtatgttc 180
atcatgattt agtatcatga cattcagcga acatttattg agtgcctact gtgcactagg 240
gactagtaag catgttaagt ttgtaagctt tgttgatttc caccacaaac ccataggacc 300
tcaggttant ctcataattg aggaaactga gattcccagt gttgaatgaa agccacacag 360
tatcacatgg ccaatatcat gtgattgcag agtcaggact caaaccagc tcttaaccnc 420
cacg 424

```

<210> 2631

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2631

```

aataccttta aatccctggg cagcaccgca gggacagata ttaccgtcaa cagtgtgatt 60
ctacttccta aaaaccctga gcactttgtg gtgtgcaaca gatcaaacac ggtgggtcatc 120
atgaacatgc aggggcagat tgtcagaagc ttcagttctg gtaaaagaga aggtggggac 180
tttgtttgct gtgccctctc tccccgtggg gaatggatct actgtgtagg ggaggacttt 240
gtgctctact gtttcagtac agtcactggc aaactggaga gaactttgac agtgcacgag 300

```

<210> 2632

<211> 908

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (908)

<223> n = A,T,C or G

<400> 2632

```

cttaggactg ggtcttgggg aggattagcg cctagatgtc tgattttgga gctgcagcat 60

```

```

gccaggccgt ggctgagagt atgtgagcca tgccttgccc ttttctgagg ctccagggaaag 120
tgatggagc tagagagaca acaggaaaga cgggtgctgaa gaacatagtg tctttcctct 180
attgtggacc taaagaggtg gggaagcaag gacaagaggc aaagagccac actgcccttg 240
gcatcatcca aagcattgtc tgggtgacac caggctcctgg tttgtgtct tttgtcaata 300
cctgaatcct tgacaaaaga aaaagtgggt ttgatgattt aaagaaataa ggggtgatttt 360
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tttttgat 908

```

&lt;210&gt; 2633

&lt;211&gt; 476

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 2633

```

ggaaggacta cggatccgca ggaagaggca gttggggggc agggggccag tagaggaggc 60
tgagctcctt ccaactcctc agaacctcca ctctatggat ctggacctct ggattcggct 120
ttctccctgg gcaactgcctt caggaagacg ttgagaattg accttacaca atcccagcgc 180
cctcctcaca ggagcctttc actttacagt ggcaaggggc tggttctgga gaactggctg 240
atgctctgaa tttcttcata taccacacat ttgactttgg cttacactgt acaattggag 300
atgttgctac aggtccctgg agatgcaatc agattaagcg tagaaagcat tgccaattgg 360
gaaagtcaaa ataatttatt tttttccct tccccctacc ccacccccag ccaagatttc 420
tttcaagata tcgcatcatt cttaacaaca ttcttaccct cactgggtcc ccattt 476

```

&lt;210&gt; 2634

&lt;211&gt; 1648

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (1648)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2634

```

aattccgttg ctgtgcact gatttactcc ctctcttccc cactccctgt gaggtcgggc 60
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tgggatgtgt gatttcagct cctgtcacct catgcaaggg cgtggagacc agtagagggtg 180
tggaggccag gcagagagag gagccygtc tgmgggrkgc ccagctcatg ggcactgycc 240
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gtgagactgt gtcagagata cactgctggc cacaagtgtc ccctctcagt cccacctttt 480
cgggctgtcc catgtctatc tcagggggccc gttacctctc tgcagcagtc ccccatccca 540
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ggctggggccc ggtgggtcac tcctgtaatc ccagcacttt gggagggtga ggtgggcgga 660
tcacctgagg tcaggagttt gagaccagcc tggccaacgt ggtgaaaccc catctctact 720
aaaaaaaatt acaaaaatta gccgggagtg gtgggtggga cctgtaatcc cagttactcg 780
ggaggctgag gcaagagaat ctcttgagct caggaggcag aggttgagc gagctgagat 840

```

```

tgcgccactg cactccagcc tgggtgacag agggartccg tccnnaaaaa aaagaaaaga 900
gaaacagctg tcacctcccg cagacccaaa tctctctctc gagcaccgtc atccaccaca 960
tggctggggc tggctcccag gaccagtcca gtcctctagt gccttatctg aggctgcagc 1020
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gaagntngga atyctcctgc ccgagaggaa ggcagacggc acagggacaa ccytgccact 1620
tgggattttg gcttncaagt tggttttt 1648

```

```

<210> 2635
<211> 956
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(956)
<223> n = A,T,C or G

```

```

<400> 2635
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ataaatwgcc tttcctaaat tcctctgctt cgctccttcc ctggcggttc tctggaacct 180
tggttggtgtc tgtgacccaa tgactgttag ggtagctag cttcaattgc cctgcactg 240
gaagcaaggt ttgtcagtaa caccaattaa aatactacca gtgtaagtag aagggtgtgtt 300
ttgcagatga gaagtgctta agatgccttg cttatgttct ctgtgttgct gtaataccat 360
gaggggtatg ttgtggcaaa cctggccttt ragatcaaga cgaacccccc ctgccctgag 420
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aacctcctgc ctcaccactg sttcttccct gagctcttcc cccacacctc aaaaagagta 840
caaagtgatt ccattctgcag aggtaaattc tttgtttaa aaagtactgt ttttcttacc 900
ttttctggnt ctcctaggta tcagaacaag gtttattagg aatccttaaa aaagta 956

```

```

<210> 2636
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 2636
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agctacatat aaggaatttg aaagtcacat aaaaagggtta agaaaatgtg ccaagattac 180
ctcagtaatt ctggtctgtg ttctcaggag acctggaaa taaacaatgt gtcttctgtg 240
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```

```

<210> 2637

```

<211> 903  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(903)  
 <223> n = A,T,C or G

<400> 2637

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tttgttcttt	tcagctattg	cttgtgaaaa	aaagcaagac	tatgtcactc	tatagaaggc	180
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tagtgctcag	cagtgtgggc	attgaagagg	cgcagaatgc	tttgaaagaa	actaatcaga	420
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gctkgggggtg	acagttgcaa	gacctgtttt	tcaaacccaa	acccaaaccc	acacacacac	840
aaacacacnt	twcacacaca	cacacacggg	gttcccattg	gttggccggg	gtttcccag	900
ggg						903

<210> 2638  
 <211> 524  
 <212> DNA  
 <213> Homo sapiens

<400> 2638

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gcgccgtact	cgcggagctg	aatgctagct	tgctaggaat	gagagttaac	aatgtttatg	180
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ttacttgaat	ctggcatacg	aattcataca	acagaatttg	agtggcctaa	gaatatgatg	300
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catttaataca	ttgagctcta	tgataggggg	aacattgttc	ttacagatta	tgagtacgta	480
attttaataa	ttctaagggt	tcgaactgat	gaggcagatg	atgt		524

<210> 2639  
 <211> 1081  
 <212> DNA  
 <213> Homo sapiens

<400> 2639

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aaagccagca	ctgaaaaaat	taactttact	gcctgctgta	gttatgcacc	ttaagaagca	180
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gcaagagctg	cctagtgtga	gccaggagac	cctgaagcat	agtgggattg	gacgagcagt	360
gatgtatctc	tataaacacc	ccaaggagtc	aaggctaac	aaggacatgg	cagggaat	420

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agaagaaagg	gagcagagag	atctagaaca	gatgcctcaa	cgacgaagaa	tgaacagcac	540
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caagaagggt	atcagtcgac	tggataaaca	gatgagaaag	ttcacagata	taaggaaaaa	780
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ttgcctggaa	tgtgtcccca	tctctactct	aagaaatgcg	caatggactc	tttgagaaa	900
gaagatatct	taaaacattt	ttagtggtgc	tgtaaatggg	tcagcgtgta	tcagatgttg	960
tcataggact	cacatttctc	tcagttatat	ttaaaaccgt	tgtgtacttt	gtacaaagga	1020
atactagtca	tacttctata	aactttacac	aataaaattt	cattctgggt	aaaaaaaaa	1080
a						1081

&lt;210&gt; 2640

&lt;211&gt; 1516

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 2640

aattccgttg	ctgtcggtec	cacccccacc	tgcceggagt	ccggggcggc	cccgggtgtcc	60
cctccgagcc	tgctgcactc	crcrtcysm	ywscarsket	yswssycyya	kgkrrrtstc	120
ygamywgryc	ygtcywgsa	gccagatcca	ggctcctgga	agaacctagt	ccggcagcta	180
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tgttgggaag	aggaatgcc	gagctgccgg	ctgaaaatta	cccaaccaag	agaaatctgc	300
aggatggact	ttctggctct	cttcttgttc	tacctggctt	cggtgctgat	gggtcttgtt	360
cttatctgcy	tctgctcgaa	aacccatagc	ttgaaaggcg	tggcagggga	ggagcacaga	420
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gaaccaatcc	tggcattata	acaaaagcaa	atgaattatt	atttcttcat	gtttatgaat	720
ttgatgaagt	gatgtttcca	aagaacgtga	ggtgctctac	ttgtgattta	aggaaaccag	780
ctcgatccaa	gcactgcagt	gtgtgtaact	ggtgtgtgca	ccgtttcgac	catcactgtg	840
tttgggtgaa	caactgcate	ggggcctgga	acatcaggta	cttcctcate	tacgtcttga	900
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tgggtgatgtc	agattttatac	caggagactt	acatcgatga	ccttggacac	ctccatgtta	1020
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tggcggccac	caaccagact	actaacgagt	ggtacagagg	tgactgggcc	tgggtgccagc	1200
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ggaagaaaca	agaatgacaa	gtgtatgact	gcctttgagc	tgtagttccc	gtttatttac	1380
acatgtggat	cctcgttttc	caagcatggc	ttgtttgttt	tgatttctgc	tgtgcttata	1440
aatcactttc	ggtgggcaag	ggagagaggg	gaaaatgggt	gttgactgag	gaatccccct	1500
tgcttgtctt	ctttttg					1516

&lt;210&gt; 2641

&lt;211&gt; 888

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(888)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2641

aattccggtg	ctgtcggcag	ctggatggac	actatagcaa	acatcaatca	agagctcatt	60
aaatatgaat	tcttmyyygr	mrcmrstcga	agtgaagaag	acttaaagaa	ataccccaag	120
taccctctggg	grrgagaaat	ctatacttta	gaagggtgtg	tggatggagc	tccatattcc	180
atgattttctg	acttcccttg	gctgaggtca	ttacgagctg	cagagcccaa	cagcttcgct	240
cgatacgact	ttgaagacga	tgaagaaagc	actatctatg	ctcctagaag	gaaaggacag	300
ctgtctgcag	acatctgtat	ggaaacaata	ggagaggaaa	tttcagagat	gcgtcagatg	360
aagaagggtg	tatttcagcg	agtagtgga	atTTTTatcc	actattgtga	tgtcaatgga	420
gagccagttg	aagatgacta	catttaattg	gtccctcctc	ctttccagct	atTTTgtcag	480
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ggaggctctg	gctcggtttg	ctatataggg	aatatataag	gaacatcgaa	attgtataca	600
aagatttgta	cataaaaaat	atacaaaagac	gcttcctaaa	gtaccaactt	tatatcatat	660
gtttatacaa	tttaatttaa	aaattcattt	taaggaagac	agataatttg	aaagactttt	720
gtttttcttg	acttaattca	tgaagtatca	ttttttgact	gagtcctcat	ttacttcatt	780
cttaatgatt	attgtcatcc	ctttaaatct	gtgccttttt	cttcttgagc	gaagctgttt	840
gagtaaacct	gttgaagagt	ggtttgngng	cnnttttgn	gccttttt		888

&lt;210&gt; 2642

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 2642

gccatttctt	ctggccttta	caaaaaggca	ttttgttata	ctacagtgtg	aacctcattt	60
ttttcactcc	aaaaggtagc	agccccctct	cttcccaccc	tggacctgcc	tttcactccc	120
tgggcacaga	gcgcatggta	ccattgatgt	ttggtttatt	ccaggatcca	aggagctggg	180
tctgctgggt	ggaccaaacc	tctgtagcca	gccaccctcg	acccaaatga	ggagagctct	240
gattctocca	tccgggagca	gtgatgtcaa	acttctgctg	ctggggaaat	ctcatcagca	300

&lt;210&gt; 2643

&lt;211&gt; 770

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 2643

ctgacttcaa	ctgcaatggt	cctgtcaaca	cacagggatt	ctacaggggc	tcccctgggt	60
gcgtcatgga	tgctgttctg	cgccacggct	gtgaggcagc	cttcgtgagc	ctgctggtag	120
aatttgagag	caacctgaat	ctagtgaagt	gggaatcgct	gggccagag	tcgagaggaa	180
gaagaaaagt	ggaccctgag	gccttgacag	tctttaaaga	ggccagaagt	gttcccagaa	240
ccttgctgtg	tctgtgccgt	gtggctgtga	gaagagctct	tggcaaacac	cggcttcate	300
tgattccctc	gctgcctctg	ccagacccca	taaagaagtt	tctactccat	gagtagactc	360
caagtgtctg	ggttgattcc	agtgagggag	aaagtgatct	gcagggaggt	ggacaccgag	420
ccctgagtgc	tgtgctgctg	ctggctcctc	gatggctgtt	gctgcagaag	atgtcctcgt	480
agactgtcat	tgctcctcag	gtgcctgggc	cgctgaacag	tccttgggtc	attgtcagct	540
gagaggctta	tactaaagtt	attattgttt	ttccaagtt	ctctgttctg	gattttcagt	600
tgcatattaa	tgtaacgggc	catggggtat	gtacatgtag	gggctgaggt	tggaggccta	660
ctaatttctc	gtaggggaaga	ctcccagcac	ttctggaact	gtgcttctct	ttatttttct	720
acttctcaat	ttgatgggtc	gattaaagcc	ttctagtatc	tcaatgaaaa		770

&lt;210&gt; 2644

&lt;211&gt; 603

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 2644

aattccggtg	ctgtcggtag	gatacttaaa	accatcacaa	gctgccaag	caatagaaaa	60
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```

ctgtgatcga agtttttagag caatcttgge tgaacctaaa aataaagcat ctgaatcctc 120
tgaacaagat tattatagta atatgaggca agaagctttg ggacatgaac ctagagtaaa 180
tatgtttcca tttgaacaac aatctgaatt ttcaagtttt gacaagaatg atagccgagg 240
ccaggaagca atctccaaac gctgtcagtg tgtatcaaga gttcctttca ctgaagaaca 300
gcttttcagc atttttgata tagtaccagg attggaatat tgtgaagttc aacgagatcc 360
ttattcaaat tatggatcatg gagtggttca gtattttaat gtagcatcag ctatttatgc 420
aaaatacaaa ttacatggat ttcagtaccc tcctgggaac cgaatagggtg tttccttcat 480
tgatgatgga gtaatgcaac agatctcctt agaaaattgc acacagatgg tagctgcaca 540
gcttgcatca attgggtgga ttaccaagtg cagcacatta ttgcaatttg aggagccttg 600
gat 603

```

<210> 2645  
 <211> 685  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(685)  
 <223> n = A,T,C or G

```

<400> 2645
gtaaggcctg ccttttacac accagttgtg tgtttgttag tggctgctgg atgccagtec 60
acacctcaa acacctcaca gtcccaaacg ggggtgctct acagggtccca gggctcctgtt 120
agtggaaaga aggcagttcc aggaagtctt ccctctagcc ttcatgacag gaagtagttt 180
aatcctctgg gaaatagact tgcagccctg ggaagaaaag agttgttcct ccttggggac 240
atacaccatc atctgggcta tttcatccag tgtctcttct ttatacagga gctcctgget 300
caggaaggca tcccggtcac acagcctcac gtgacggtac tccaaaggca ggaaggggat 360
gaagtagtca atcaggtttt ccttcacaag acggctgtgc caaagccatt gtctatggtc 420
tccacaatct ccgctggag gtgggggtcc aggtgttcca tcgtaatttc tccccgggac 480
catccagcct tgagcaactt taggaccacc tcattgatta tatcgccctt gagattactg 540
agaaacagaa agatagtcca tggagactca gccnttgtg ctcagggggc cggcggtteta 600
agtgtggccc aaggacctcc agcagccctg ggtgcagctt ctccgcttca tcgaagatga 660
acaggggtctg gtgcagagct gctgc 685

```

<210> 2646  
 <211> 583  
 <212> DNA  
 <213> Homo sapiens

```

<400> 2646
agtggctgag tggaggcgcc cagacctggg caggcagcag gctcaggccc acaccttgtg 60
atttttgaaa ccaaagccca gaagatgatg ttactttctc tctccctggc tctgcccttc 120
ttactgcaaa ccatgctgtg ccttagggcc cttctcatag ctgttcctca tggccatgac 180
tggaacaggg atgcaacctc tttctacaca agcacagtta gttgggtgaa gtcttttttt 240
ttgtttgttt tagacggagt twactctttg ttgccaggc tggagtgaag tggcgtgacc 300
ttgggtcact gcaacctcca ggccagcctc agcctcccta gtagctggga ctacaggcac 360
ccactaccac gcctggctaa ttctttgtat ttttagtaga gatgggggtt gaccgtgtta 420
gccaggatgg tctcgatctc ctgacctcgt gatccacca cctcggcctc ccaaagtgtc 480
gggattatag gtgtgagcca ccgcgcggg ccggttgctg gcatcttaat gttctgtagg 540
tggaatattt ccaataaaca caaggtgccg taattgacaa aaa 583

```

<210> 2647  
 <211> 958  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(958)  
 <223> n = A,T,C or G

<400> 2647

atcgagaact cttactacaa gctncttggt ctttttgcag gatcccatng attcgwrkys	60
sgttgctktc gccaaaatgg cgcgggtgct gaaggctgca gccgcgaatg ccgtagggct	120
tttttccaga cttcaagctc ccattccaac agtaagagct tcttccacat cacagccctt	180
ggatcaagtg acagggtctg tgtggaacct gggctckactc aacctgtak ccatagcagt	240
gccaratgtg gaawakgctg ywgcawttta taasaatatt ctggggggccc aggtaagtga	300
agcggtcctt cttcctgaac atggagtatc tgtgtttttt gtcaacctgg gaaataccaa	360
gatggaactg cttcatccat tgggacgtga cagtccaatt gcagggtttt tgcagaaaaa	420
caaggctgga ggaatgcac acatctgcat cgagggtgat aatattaatg cagctgtgat	480
ggatttgaaa aaaaagaaga tccgcagctt aagtgaagag gtcaaaatag gagcacatgg	540
aaaaccagtg atttttctcc atcctaaaga ctgtggtgga gtccttgtgg aactggagca	600
agcttgatgt atatttgcaa gcaactaaat taattgacct gaaaaagcct atcaaatatc	660
atcaaatgt actatgacat tgagtccttc atcgtctcca tcatgtaaaa gtccacagtt	720
aaagactgaa ttacagaaag attaaaatat atacatatat aaatacataa atatgtatat	780
tatttagatt aacaacata ttgtttaatt tgaatttgaa gaaaatcttg attactaatt	840
acttagggaa cattattaaa atcatataga aataaattat tcctcttcta caatgggkg	900
naattgaatg tnatggtgtt tagcngtgga cnaggggnat gtgtgtgatg gatgggta	958

<210> 2648  
 <211> 1583  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1583)  
 <223> n = A,T,C or G

<400> 2648

ggagaagcaa ctgacgacag atgctgcccg cattgtgcag atgcagccca gaagcagatc	60
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tcagagagtg gaggtctccg gccgaacaag cagaccttta accctacaga cactaatgcc	180
ttgttgccag ctgttgccct tgggaaagga ctatctaatt ggagaccttc aggcagcagt	240
ggctctggcc aggcaggcmr sccaggagct gggacgatcc ttgcaggaaac ctcaggatta	300
cagcagstgc agatggcagg agctmcaagc cagcagcagc caatgctcag tggggtacaa	360
atggctcagg cagggtcaacc agggaaaatg ccaagtggaa taaaaacca catcaagtgc	420
gcttccatgc atccctacca gcggtgagtg tggctggcaa cctcgactcc ctggtgctct	480
ttgcagagtt gggcagtgaa attacctttt gctcaaggct cacctagatg ggtacaataa	540
aaagaacatg ggctttcagc agcagacaaa tcccacttcc accactgact agctgtgtga	600
ccttggacaa gtgacctaat ttttctgagc ctgtttctca tttgtaaatg gtgataatac	660
ctacctcata gggttgttgt gaggattaaa atgaggaaat gaatgtaaag cacttagtac	720
agtatatgaa ataattgggtt ttcaataaat gatagtttct acagatcctt ctccccacca	780
ccctccacag tccttgatcc agaacttacc ctaactctgat actgcctcac gtcaatgggtg	840
agctgatgga cacaagatca aataaggcta tgettatttt gtgctgccag aaactgtagc	900
aacctctgtg ttcttagagg cacactgttt ttgcaggccc tcctgcctgg ggtttcattc	960
tggctatccc tctaaggcgc aagggtgaaga agcttctggg ccaggaagga aaaaaaatg	1020
cccactgca gctctggtga agcttgggcc tgctctcctt tccatcctct aaggagccaa	1080
cttggctttt acctgtcaaa tagtcataaa gtcccctatc ctttacccca ccttatacac	1140
acgaggtttt ctccaggaag tggctctgcc aggcaggact atgtgggaaa gggtttttcc	1200
ttagcacacg aaaaagcccc ttcccctgga ttcatgtttc ttatttttga gggagaagg	1260
aattgcactt cacactgcca tcagggttta gttgacctca taatggtgcc cactttctcg	1320



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actttggcca ggatttcctt caaagaaaac gactttcctt catttcctta agcctgtggc 1380
ccaaatgggtg gaccagaatg atggtgggag ggggcaaccc ccagtagctt tgctgtcttt 1440
tataaagtgtg aacaaattga atttagacat tcaggctaac ctgcctttct tagtactcct 1500
ttgttggcat gggcaggggt tgagtcagca gaagtggacc aaaggattcc tctgaataaa 1560
gttattttaa ttgaaaaaaa aaa 1583

```

```

<210> 2649
<211> 1518
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1518)
<223> n = A,T,C or G

```

```

<400> 2649
gaaacatggg gaaaagtctg taaactcctg gttgatgcaa ttcataatca actaactgac 60
atggaaaaat gtattttgaa atatatgaaa ggaacatcta ttgtggtccc tgaaccactg 120
cactttttat taccaggga aaaaaatctt gtaacaattt catatccttc aggaatacca 180
gatggccagc tgcaaggccta taggaaggag ttacatgac ttttcaatct gcctcacgac 240
agaccctatt tcaaaaggtc taatgcttat cactttccag atgagccata caaagatggg 300
tacattagaa atccacatac ttaccttaat ccacctaaca tggagactgg tatgatttat 360
gtggtccagg gcatatatgg ctatcatcat tatatgcagg atcgcataga tgacaatggc 420
tggggctgtg cttatcgatc tctgcagact atctgctctt ggttcaaaca tcagggatac 480
acagagaggt ccattccaac acacagagaa attcagcagg ctctagtcga tgccggggac 540
aaaccagcaa catttgctcg atcgcgga tggattggat ctattgaggt gcagctggta 600
ctaaaccaat tgatcggtat aacgtcaaaa atcctgtttg tcagccaagg ttcagaaatt 660
gcctctcaag gacgggaact ggctaatac ttccaaagtg aaggaaactcc agttatgatc 720
gggggaggag ttttgcccca cacaatacta ggagttgcat ggaatgagat tacagggcag 780
ataaagtctc tgattctaga tccacattat accggtgctg aagacctgca agttattttg 840
gaaaagggtg ggtgcggatg gaagggccca gatttttggg acaaggatgc atactataac 900
ttatgtcttc ctcagcgacc aaatatgatt taaaatatct tggagtcгаа gactgcagta 960
gagtggtatt ataaatttgt gaataaagaa tcagtttaat ttttcacatt aaatcctggg 1020
tctagtttga ccattttaat tatgaccttt ttcaaagggt gtaaatactg cacggagaat 1080
gtatttttta gacgttcctt taataactta aaagacaaag catacacaac cagcatatta 1140
taggcatgta aatacatgtg ttcttaaatg gatcttcaat tgggaagaaag tttttcgtcc 1200
ttctcagaag gagattagac acaacatatg gtaaaagcaa aagcaggagc ttatagattt 1260
gcatgaaatg aaggcggtct tcagacttct tcataaccca cgtgacatca gcaacttcctt 1320
ttcccactgg tattttctac acttccgaga ctccgtttct gtctgagcac ggcaacacaa 1380
tcattcctgt cagggtgttc acttgctttt tatttggcct gcattacatt ntaaatgggt 1440
tggtaaagaa aacttggggc acaagtcctn gggaaattcc accatggacc aaagcggaga 1500
ttcttcnagg ctggtttg 1518

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```

<210> 2650
<211> 386
<212> DNA
<213> Homo sapiens

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```

<220>
<221> misc_feature
<222> (1)...(386)
<223> n = A,T,C or G

```

```

<400> 2650
gggaagtgtg tcaatgacaa gagcaggaag agcgagaagg tgaaggatgat tgacgtgact 60

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```

gtgcccctgc agtgccctggt gaaggactcg aagctcatcc tcacggaggc ctccaaggct 120
gggctgcctg gcttttatga cccgtgtgtg ggggaagaga agaacctgaa agtgctctat 180
cagttccggg gcgtcctgca tcaggtgatg gtgctggaca gtgaggccct ccggatacca 240
aagcagtcct acaggatcga tacagatgga taaactgcc aagaaccagat ttttaaaagg 300
ccgcaaaaaa tcttttcctg ggagtctaca aatttgga aaaaaaac cngacatcag 360
atgtttttat tttatattat tattat 386

```

<210> 2651  
 <211> 485  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(485)  
 <223> n = A,T,C or G

```

<400> 2651
ctcagctctc accagctgtc agatgctgcc acagggcgag aacctccaag atgtgctccc 60
caggacatc tactgccgcc tcaagcgcca cctggagtat gtcaagctca tgatgccctt 120
gtggatgacc ccagaccagc gcggcaaggg gctctacgca grwmsmkct tcaatgctat 180
tgccgaaac tgggagcgca agaggcctgt ctgggtgatg ctcatggta actccctgac 240
tgaagtggac attaatgccc gtggagtgcc tgytttagac ctgttccttg cccaggaggc 300
tgagcggctg aggaaacaga ctggggcagt ggaagagggtg gaagagcagt gccatccatt 360
gaatgggttg aacttttcac aggtcatctt tgctttgaac cagaccctcc tgcagcagga 420
aagnctgcna gcaggcagtc ttcagatccc ctacacgacg gaggatctca tcaaacacta 480
taact 485

```

<210> 2652  
 <211> 766  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(766)  
 <223> n = A,T,C or G

```

<400> 2652
aattccgttg ctgtcgga aatattattat gttagtttta gcgtggaaat tggaggctga 60
aagcatggga ttttttacca aggrmrwrg gttaaaggga atgacttcat tacagtgtga 120
ctgcacagaa aakttacaaa acaaatttga ctttttgcgc tcacagttaga atgatatttc 180
gtcatttaag aatatctaca gatatgcctt tgattttgca agggataaag atcagagaag 240
ccttgatatt gatactgcta aatctatggt agctcttctg cttgggagga catggccact 300
gttttcagta ttttaccagt acctggrgca atcaaagtat cgtgttatga acaaagatca 360
atgggtacaat gtattagaat tcagcagaac agtccatgct gatcttagta actatgatga 420
agatgggtgct tggcctgttc ttcttgatga atttggtgag tggcaaaaag tccgtcagac 480
atcatagcaa gaactatgtg aagaaaatgc aaacctttca attcccacgt gtatacaagc 540
taatgtgatg agggggaaaa aaatccaacg ggtgcatttt cattcatatg aaagacttct 600
catagtactt ttttttcctt tttttaaagg aggtttttct tgttacatgt gatgggcatt 660
gagccacacc tcttcttaga ctgaatattg aagtttttgt tttgagttat gtttataaca 720
tttatttcag amcantaawg rttncaggat tkgtgacaaa ggcaaa 766

```

<210> 2653  
 <211> 401  
 <212> DNA

<213> Homo sapiens

<400> 2653

gtttgagctc	ttgagccagt	gacttccctg	cacgttcagc	tttctccttt	gtgaaatggt	60
aatagaagca	cgctgcactt	gggattcttg	tggattacat	gtgaggggtc	tagaaacact	120
tgatgtgtaa	gccaaactatt	atgtattact	gtatatggaa	cacaagggat	gtagccaaaa	180
ctaaatgcaa	gtttgtgcct	cagatgtctt	cctatcagaa	cagagtcaaa	tccagatttt	240
gatgctkwra	tgtgacagct	tattcagatt	tagaaaaact	tttggtatgg	gccaaagaaa	300
acatatcctt	aaggggatat	gcccttaggc	cctcattttc	cttttctgtc	tgagcaatta	360
aaaaaaggaa	aatgaggcct	aggggccata	tccccgtcgt	a		401

<210> 2654

<211> 475

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (475)

<223> n = A,T,C or G

<400> 2654

aattccgttg	ctgtcggccg	gaaccacgag	gagagcagtg	agaccatgaa	tgacttgctg	60
gcccggttg	ccactaacac	ggacaccagc	cgaaatgccg	gaaatgccgt	cctgtttgag	120
acagtactca	ccatcatgga	tatccgctct	gcagctggcc	tacgggttct	agctgtcaac	180
attcttggtc	gttctctact	caacagtgac	aggaacatta	ggtatgtagc	cctgacatca	240
ctgcttcgac	tggtgcagtc	tgatcacagt	gctgtgcagc	ggcatcggcc	cactgtggtg	300
gaatgtctac	gggaaactga	tgctccctc	agccggtgag	cagtgataga	ggggacagga	360
gggcagggca	gaggttccca	gtgccctgtg	gccaagactc	gagccagttt	agagcagctg	420
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<210> 2655

<211> 1731

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (1731)

<223> n = A,T,C or G

<400> 2655

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ctgtctgatg	atcacaaaat	agaaacacag	agggacattc	atcaaagggc	caatgatgac	300
cttgacagatg	ctgggctaga	aaaactccat	cttagctttt	atctgactag	tatctatgac	360
cattcaatat	ttgaagcctt	tagtaagggtg	gtgcagaaac	tcattccaca	actgccgacc	420
ttggaaaacc	tattaaatat	ctttatatca	aattcaggta	ttgaaaaagc	ttttctcttt	480
gatgttgtca	gcaaaatcta	cattgcaaca	gacagttccc	ctgtggatat	gcaatcttat	540
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&lt;210&gt; 2656

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 2656

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actgaaaaga	aaaaagaagt	tgaaaaaaag	aaacggtcac	gagttaaaca	ggtgcttgca	180
gatattgcta	agcaagtgga	cttctgggtt	ggggatgcaa	atcttcacaa	ggatagattt	240
cttcgagaac	agatagaaaa	atctagagat	ggatatgttg	atatatcact	acttgtgctt	300

&lt;210&gt; 2657

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 2657

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cctgacttgc	aagttggggt	ctttattggc	ctccgggatt	ctgctcgtgg	cggtttctcc	180
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&lt;210&gt; 2658

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 2658

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aacaaccaga	agaagtattt	gatgtcttag	agaaacttgg	agaaggatta	ctgtagatgc	180
agtatatgga	atcaggaatc	ttaacttcat	gtgagctatt	ggagtttcct	ttgctatcag	240
gatcataagg	gaggggtctat	gcagcgtata	caagctattc	ttaaggagac	cggccagatt	300

&lt;210&gt; 2659

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

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atccccagtg tgcccagaga gtgcgacccc tcgcccggcc cggcgagccc cgggcgtgaa      120
ccgaaactgag ggaggatggc agcctctggg gtggagaaga gcagcaagaa gaagaccgag      180
aagaaacttg ctgctcggga agaagctaaa ttgttggcgg gtttcatggg cgatcatgaat      240
aacatgcgga aacagaaaac gttgtgtgac gtgatcctca tgggccagga aagaaagata      300

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<210> 2660

<211> 908

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(908)

<223> n = A,T,C or G

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<400> 2660
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atattagaaa ggcagcattt gagtgtatgt acacacttct agacagttgt cttgatagac      120
ttgatatctt tgaatttcta aatcatgttg aagatggttt gaaggaccat tatgatatta      180
agatgctgac atttttaatg ttggtgagac tgtctaccct ttgtccaagt gcagtactgc      240
agaggttgga ccgacttggt gagccattac gtgcaacatg tacaactaag gtaaaggcaa      300
actcagtaaa gcaggagttt gaaaaacaag atgaattaaa gcgatctgcc atgagagcag      360
tagcagcact actaaccatt ccagaagcag agaagagtc actgatgagt gaattccagt      420
cacagatcag ttctaaccct gagctggcgg ctatctttga aagtatccag aaagattcat      480
catctactaa cttggaatca atggacacta gttagatgtt tgttcacat ggggaccatt      540
acatatgacc atacaatgca ctgaattgac aggttaatca taagacatgg aaagagaagt      600
gtctaaaagc ttcaaatgt tccacttttt tttccttcat ggagactgtt tgtttggctt      660
tcttccattg ttgtttttgt agcattttatt tcagaaatgt gtatttccat aatccagagg      720
ttgtaaaacc actagtgttt tagtggttac agcaacattt gaaatggaaa ctaaaagtta      780
ggattttatg gagtatggag ataggggtcca gtatctatct accctgtaat gtttaggatt      840
aaaatgttaa aattttgtga ccntgaattt ctttctttta taaattttct catttaaaaa      900
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<210> 2661

<211> 872

<212> DNA

<213> Homo sapiens

```

<400> 2661
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aaaaaactca ttttattttt taaaagaaga aatcatgcaa gaaaacaaag ggaacaaaaa      180
atctgccagc gttatgatca gctcatggag gcatgggaga aaaaagtggg cagaatagaa      240
aataatcctc ggaggaaagc taaagaaagc aaaacmaggg aatactattr aaaagcagtt      300
tccagaaatt cgaaaacaaa gagaacagca agaaagattt cagcgagttg ggcagagggg      360
agctggtctt tcagccacca ttgctaggag tgagcatgag atttctgaaa ttattgatgg      420
gctctctgag caggagaata atgagaaaca aatgcggcag ctctcgtgat tccacctatg      480
atgtttgatg cagaacaaag acgagtcagg tycattamca tgaatgggct tatggaggac      540
cctatgaaaag tgtataaaga taggcagttt atgaatgttt ggactgacca tgaaaaggag      600
atctttaagg acaagtttat ccagcatcca aaaaactttg gactaattgc atcatacttg      660
gagaggaaga gtgttcctga ttgtkttttg tattactatt taaccaagaa aaatgagaat      720
tataaagccc tcgtcagaag gaattatggg aaacgcagag gcagaaacca gcaaattgct      780
cgaccctcgc aagaagaaaa agtagaagaa aaagaagagg ataaagcaga aaaaacaraa      840
aaaaaagaag aagaaaagaa agatgaagag ga

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<210> 2662  
 <211> 448  
 <212> DNA  
 <213> Homo sapiens

<400> 2662  
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 ttgatatttc attttgcgtt ttagctagag aagttttcct tgtgacttac taatggctgc 120  
 aatgccaatg attgtaagaa aacaaacaaa ttatcatga aattctcctt gtcattttat 180  
 amrtssmyat tttaacatca tttatggttc cagagatgca tacacttttt tctgacaaga 240  
 aaaagtaaaa ggtgatgagg gcaattctgt cctactgttt ttacaggcct ttttcaaatg 300  
 cagattttgt cataaagttg ttatagattt tttaaaatgc ttttttaata ttaaaatgta 360  
 cttttacatt cttaatcttt ttttagaaag gaaaagtttt cttcatttag ctgctgattt 420  
 aaaagtaaaag ttctccaatt cttaaaaa 448

<210> 2663  
 <211> 498  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (498)  
 <223> n = A,T,C or G

<400> 2663  
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 attttgtgtt tcacctatta atttatccct ccccttagcc cctggcaaac actgatctgt 180  
 ttactgtctc catagttttg cttttcccag aatgtcacac ccttggaatc atacagcatg 240  
 taaccttttc agattggctt cttttacgta gtaatatgca tttaggatcc ctcatgcct 300  
 tttcctggat tgatagctca tttnttttta gtccctgaata atattccatt ctatggatat 360  
 accacaattg atccattcac ctactgaagg tcattttgat tgcttccaag ttttgataat 420  
 ttaaaaaatt ttttaagaca ggggtgtcatt gtgttttcca tactggcttc ctgaacacct 480  
 gggctgatgt gaaccctt 498

<210> 2664  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (300)  
 <223> n = A,T,C or G

<400> 2664  
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 agaagagcgg cggtttgtgg agatccctcg ggagtctgtc cggctgctcg cagaggacgt 180  
 gtgctatcgt ctgagagagg ccacgcagaa tagctctcag ttcataaagc acaccaaagc 240  
 ccggaagctg acggttgagg acttnnncag ggccctcaga tggagcannn agtaggctgt 300

<210> 2665  
 <211> 787  
 <212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(787)

<223> n = A,T,C or G

<400> 2665

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ctctactcat	tcacagcct	ctttatatat	atgattttta	gtcttttcat	tgcactgac	120
actgatacat	acgaaacaat	taagcaatac	caacaagatg	gcttcccaga	gactgaactt	180
cgtacattta	tatcagaatg	caaagatcta	cccaactctg	gaaaatacag	attagaagat	240
gaccctccag	tatctttatt	ctgctgttgt	aaaaagtagc	tatcagggtt	atctgtactt	300
tagaggaaaa	tataatgtgt	agctgagttg	gaacactgtg	gatattctga	gatcagatgt	360
agtatgtttg	aagactgtta	ttttgagcta	attgagacct	ataattcacc	aataactgtt	420
tatattttta	aaagcmatat	ttaatgtctt	tgcaacttta	tgctgggatt	gtttttaaaa	480
aaactttaat	gaggaaagct	attggattat	tattatttct	tgtttatttt	gccatggctt	540
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gtgcagactg	tataattagt	ggaaaacaat	ccttggtctg	actgtgactt	tggacactca	660
gtnacccctg	cttgaccac	tctcaggagn	catncttgag	agagtgggtg	tagttacatt	720
tntcagtaac	atgnatttaa	antcccttga	naggaagaat	agagtnacag	aatagacnca	780
cagaatn						787

<210> 2666

<211> 703

<212> DNA

<213> Homo sapiens

<400> 2666

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cctcttaccg	tggtataaca	tccaagtatc	tggtggctcag	gggccacgaa	actggctact	180
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atctggtgga	attcacgaac	gaaattcaga	ctctgctggg	ctcctctgta	gagtggctca	420
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tgttatagtg	ttaatccttg	tgcatatgtg	tcataatata	actatttctg	taaagaaagg	540
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acttagaaac	atgttttttt	cctttttaac	ttttaagtca	gtttttatga	agttgttata	660
atgtttcttt	acttttcaat	gcacacatgc	tttgggatac	gtt		703

<210> 2667

<211> 1018

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1018)

<223> n = A,T,C or G

<400> 2667

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cwssaggcga	caagaacctg	gcacagccaa	ttgacccagg	agatctcggg	gctgaaggag	180

ctcaaggagc	agctggaaca	agccaagagc	cacggggaga	aggagctgcc	acagtgggtg	240
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&lt;210&gt; 2668

&lt;211&gt; 587

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 2668

atcatattca	agttggcagg	tttgactgtt	cctctgcacc	agacatctgt	agtaatctgt	60
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caaattctct	ttatggtcag	cttaagtttg	gtacactaga	ttgtacagtt	catgagggac	360
tctgtaacat	gtataacatt	caggcttate	caacaacagt	ggtattcaac	cagtccaaca	420
ttcatgagta	tgaaggacat	cactctgctg	aacaaatctt	ggagttcata	gaggatctta	480
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aacacaacga	agtcaggatg	gttgatttct	attctccgtg	gtgtcat		587

&lt;210&gt; 2669

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 2669

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tttcttttat	caaaaaatta	cgagaaccac	tcgttttgac	tattatttta	tcactctttg	180
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&lt;210&gt; 2670

&lt;211&gt; 1187

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 2670

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acttcccttc	ctcagtgctc	ttgtttgctc	tgaaagatac	aaccttgacg	tagtttggct	120
tcgtcatgca	gaatgtttta	aggccttagg	ctatatggag	cgagctgctg	aaagctatgg	180
caaggtgggt	gatctggccc	cactccattt	ggatgcaagg	atttcaactt	ctacccttca	240
gcagcagctg	ggccagcctg	agaaagctct	ggaagctctg	gaaccaatgt	atgatccaga	300
tacttttagca	caggatgcaa	atgctgcaca	gcrggaaactg	aagttattgc	ttcatcgctc	360



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atgatgacag	gcaaaaacgc	aaagaactag	aatacttttg	tctgtctgct	gcaattcttg	780
acaaaaat	cagaaaggca	tacaactata	tcaggataat	ggtaatggaa	aatgtcaata	840
aaccccgct	ctggaacatt	ttcaatcaag	ttaccatgca	ctcccaagat	gtacgacatc	900
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cctttcgac	tcaccctgac	gaacctctct	atagcttctg	tataggccta	acctttatct	1080
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&lt;210&gt; 2671

&lt;211&gt; 1402

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1402)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2671

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&lt;210&gt; 2672

&lt;211&gt; 343

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

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 <223> n = A,T,C or G

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 ctaaaccctg tcacaaaaaa caatgttaga gacattagga attcaggttt tgaaaaatctt 180  
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 acatggctat cttttttcaa gttttatatg catagctctc tcagcacttg aatggaaaam 300  
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<210> 2673  
 <211> 509  
 <212> DNA  
 <213> Homo sapiens

<400> 2673  
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 <211> 485  
 <212> DNA  
 <213> Homo sapiens

<400> 2674  
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 accat 485

<210> 2675  
 <211> 1260  
 <212> DNA  
 <213> Homo sapiens

<400> 2675  
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&lt;210&gt; 2676

&lt;211&gt; 649

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (649)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2676

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&lt;210&gt; 2677

&lt;211&gt; 862

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 2677

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aatgcagga tttattctgt ga 862

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&lt;210&gt; 2678

&lt;211&gt; 655

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 2678

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gaaatccatg acaaacaaaa ggatgtgatc attaatgtga aagcgtttg taaaattcac 600
atttcaaaaa taataaagtc agttcaaacc taaaaaaaaa aaaaaaaaaa aaaaa 655

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&lt;210&gt; 2679

&lt;211&gt; 844

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(844)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2679

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aaaa 844

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&lt;210&gt; 2680

&lt;211&gt; 415

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 2680

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&lt;210&gt; 2681

&lt;211&gt; 647

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(647)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2681

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&lt;210&gt; 2682

&lt;211&gt; 870

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 2682

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&lt;210&gt; 2683

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 2683

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&lt;210&gt; 2684

&lt;211&gt; 2672

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (2672)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2684

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ggaagnnggt ggccttcctt aaggccaaaa aa 2672

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&lt;210&gt; 2685

&lt;211&gt; 1282

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 2685

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aattccgttg ctgtcgggtg ttgacgagct cggcgggcgg tttgctgaga tctgtggccg 60
tcggcagctg gtgcgggggg cagctgagag cgagagggtg atcggggcgg tgtgtggcca 120
gggcmrtgac gggcaatgcs gkggagtggt gcctcatgga aagcgacccc ggggtcttca 180
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aataaaaagt gattctccct cg 1282

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&lt;210&gt; 2686

&lt;211&gt; 681

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(681)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2686

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gcggctcttt tccctcgtga ctcggttgct cctggcgccg cgacggggcc tcacgggtccg 60
cagtcccgcg gaacccttgc cgggtggtgc cattccagaa gagctcccga gacatacttc 120
tctgcacaga catagcctct cggggccttg accagcactg gtgtggagct ggttgctcaat 180
tatgatttcc cccaacgct gcaagattac atccacagag caggagaggt gggccgtgtg 240
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gttcagaaga ttgagcctgg cggctcgcgg aaggaraagt cttccnagga ctagcatcct	360
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ctagaacagg gatctttccc agtatcttga gtgggtgacc cacacttgtc agtgggaggc	480
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gacacaagtg gattttgact ttgtatcatg tcatgatttc taacaataaa tgatgttttt	660
atgtgcacaaa aaaaaaaaaa a	681

&lt;210&gt; 2687

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 2687

aattccgttg ctgtcgcgtt cctgtctgag ccccaagcca cctcagggtc aagagcaaca	60
gggccaagag gatgaagtgg tcttggtgga agggcccacc ctcccagaga cccccgact	120
cttcccactc aaaatccgtt gccgggctga cctggtcaga ttgcccctca ggatgtcgga	180
gccccctgcag agtgtggtgg accacatggc caccacctt ggggtgtccc caagcaggat	240
ccttttgctt tttggagaga cagagctatc acctactgcc actcccagga ccctaaagct	300

&lt;210&gt; 2688

&lt;211&gt; 964

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 2688

aattccgttg ctgtcgcgtga aggtcatcag gcagtctgct gggcaaaaga caacctgtgg	60
ccagggtctg gaagggccct gggagcgccc acccctctg gatgagtcg agagagatgg	120
aggctctgag gaccaagtgg aagaccacgc actaagttag cctggggagg aacctcagcg	180
cccttcccc tctgagcctg gcacataggg acccagcctg catctcccag gaggaagtgg	240
aggggacatc gctgttcccc agaaacccac tctatcctca ccctgttttg tgccttccc	300
ctcgcctgct agggctgcgg cttctgactt ctagaagact aaggctggtc tgtgtttgct	360
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ctttccctt cttccctgac tccaggcctg aaccctccc gtgctgtaat aaatctttgt	960
aaat	964

&lt;210&gt; 2689

&lt;211&gt; 635

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 2689

ccgcactata gaatacaagc tacttgttct ttttgcagga tcccatcgag aaaaaactgg	60
ccatgcagaa gtcgtccgag tgggttacca gccagaacac atgagttttg aggaactgct	120
caaggtcttc tgggagaatc acgaccgac ccaaggtag cgccagggga acgacccatg	180
gcactcagta ccgctcggcc atctacccga cctctgccaa gcaaatggag gcagccctga	240
gtcccaaaga gaactaccaa aaggttcttt cagagcacgg cttcggtccc atcactaccg	300
acatccggga gggacagact ttctactatg cggaagacta ccaccagcag tacctgagca	360



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agaaccccaa tggctactgc ggccttgggg gcaccggcgt gtcctgcccc gtgggtatta 420
aaaartaatt gctccccaca tgggygggcct ttgagggtcc agtaaaaaatg ctttcaacaa 480
atgggcaatg cttgtgtgat tcacaatcgt ggcattttaa gtgcacaagt acaaggaatt 540
tatacagatt gkttaccgm agtataatct ataggaggcg cgatggcagt gataaatgtg 600
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<210> 2690

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2690

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agcaaggctt ccattgaagc ccacccgtgg ctgaagcatt aaccggtggg ccccggtccc 180
tccccgcccc actttccctt cttcaaagga caaagtgtccc tcaaagggaa ttgaattttt 240
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<210> 2691

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (300)

<223> n = A,T,C or G

<400> 2691

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caaagtgtgg aactgccaaa ccaaactgca cgacatcgac ggcgctacctc acctcatcct 60
catcgctctc cgagacatcg cggctgggga ggagctcctg tatgactatg gggaccgcag 120
caaggcttcc attgaagccc acccggtggt gaagcattaa ccggtgggcc ccgtgccctc 180
ccgccccac tttcccttct tcaaaggaca aagtgccttc aaaggggaatt gaattttttt 240
tttacacact taatcttagc ggattacttc anatgttttt aaaaagtata ttaagatgcc 300

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<210> 2692

<211> 676

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (676)

<223> n = A,T,C or G

<400> 2692

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aagctgagcg tgttgcatat tcacggagtc tacaccaacc ctagtggcat tgtccttcat 120
ccggctggat atcagaacgt gctcaggaac actgaagtca tgagagaaat tcagaaactc 180
tacgaaaaca agtcatttct tttcctgggc tgtggctgga ctgtggatga caccactttc 240
caggcccttt tcttggaggg tgtcaagcat aaatctgacc tagaacattt catgctggtt 300
cggagaggag acgtagatga gttcaaaaag cttcgagaaa acatgctgga caaggggatt 360
aaagtcattt cctatggaga tgactatgcc gatcttcag aatatttcaa gcgactgaca 420
tgtgagatct ccacaagggg tacatcaggg atggtgagag aaggtcagct aaatggctca 480
tctgcagcac acagtgaat aagaggctgt agtacatgag cgagctagag aaatcaccac 540
cgtttangac caagctgtaa ggccctacta cagacagtgt ttaacaagta aactttacaa 600

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gaacccaaca caattcccca gaaagtnacc aatagccnga ggtnagnagg nccgggggtg 660  
aacaacgggg ggnatg 676

<210> 2693  
<211> 829  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(829)  
<223> n = A,T,C or G

<400> 2693  
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acaaagcctc caaccacgtc aacagaagga ggtgcagcct cccccacgtc accaatcctr 300  
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caccatccac cagacagacc acctgayccc ttctcaactc tgtaacatgg acgcaacctc 480  
aaccagcgc agttacaact tcactatcag cggaaggggg gaaaaaccga ttcaaatcaa 540  
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ttgggctttg taacatttga agtgtttcca tggtagcgtg amatttaggt tgacgtggct 720  
aagccggagg gactaacctt tgctcactga cttcctgttg taaacacttt cttamgggg 780  
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<210> 2694  
<211> 396  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(396)  
<223> n = A,T,C or G

<400> 2694  
cggatatact ctcctcatc aaacttttct ccaccaactt tagcatctgg ttgccacctt 60  
ccaaaatggc cccagtgatc ccattctcta ataagtacat gtctgtgtgg tcctctccya 120  
cactgcatag gaatggctta cgtaaccaat aggtagttag ggatgtgatg cagtctgact 180  
tttgaggcta agttgtaaag aaagacactg tgtctttcct ccttggtgtc ttggagcgct 240  
tgctctngga gaaagccaga ggttcattgt cgtgagggat aacttcaagt tgnccatttg 300  
ggagaggtgn acattgggtg aaggaaatga agnccctaac tggccaattg naccatgtt 360  
aaagttnagt ccaaccaagg gnagattatt taccca 396

<210> 2695  
<211> 467  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(467)

<223> n = A,T,C or G

<400> 2695

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ctggccgtgt	ttgtggaaca	gcctactccg	tttctgcccc	gcttcctgca	gcggctgcta	120
ctcctggact	atcccccgga	cagggtcacc	cttttctctg	acaacaacga	ggtcttccat	180
gaaccccaca	tcgctgactc	ctggcccgag	ctccaggacc	acttctcagc	tgtgaagctc	240
gtggggcccg	aggaggctct	gagcccaggc	gagggccagg	acatggccat	ggacctgtgt	300
cggcaggacc	ccgagtgtga	gttctacttc	agcctggacg	ccgacgctgt	cctcaccaac	360
ctgcagaccc	tgcgtatcct	cattgaggag	aacagggaag	tgatcgcccc	catgctgtnc	420
cgncacggna	agcttgtggt	ccaacttctg	ggggcgccct	gagcccc		467

<210> 2696

<211> 706

<212> DNA

<213> Homo sapiens

<400> 2696

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cttgtgcaca	tcatgaccag	ttttgaagat	gctgacacag	aagagacagt	aacttgtctc	180
cagatgaagg	tttaccatcc	tggccagttg	cagtgtggaa	tatttcagtc	aataagtttt	240
aacagagaga	aactcccttc	cagcgaagtg	gtgaaatttg	gccgaaattc	caacatctgt	300
cattatactt	ttcaggacaa	acagggtttcc	cgagttcagt	tttctctgca	gctgtttaaa	360
aaattcaaca	gctcagttct	ctcctttgaa	ataaaaaata	tgagtaaaaa	gaccaatctg	420
atcgtggaca	gcagagagct	gggctaccta	aataaaatgg	acctgccata	cagggtgcatg	480
gtcagattcg	gagagtatca	gtttctgatg	gagaaggaag	atggcgagtc	attggaattt	540
tttgagactc	aatttatctt	atctccaaga	tcactcttgc	aagaaaacaa	ctggccacca	600
cacagrccca	taccggagta	tggcacttay	tcgctctgct	cctcccaaag	cagttctccg	660
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<210> 2697

<211> 566

<212> DNA

<213> Homo sapiens

<400> 2697

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cagccacctg	gcattettaca	acacatgggc	tttacaaggc	atgtatggag	tttcttgtgtg	120
gcttsgsagg	tgsyygtsaa	ggccaycwgy	gatctkaagc	cwryacwtgs	scytymcmag	180
gtcctgtgag	tggagaggca	cagagtgttc	tgggctagct	gagtgtggag	gctgggtggc	240
tctgatgcta	gccaatcact	ctacgctcta	ggctcacacc	tttccaccty	cgacttcgcc	300
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caatcactag	actgggtgcg	gaaactctga	tttgccaagt	tcgggtcatg	tgtctcacta	420
ggtaagagca	gaggaggatc	acccccagga	agaccagagt	gctctttcag	aagagtggga	480
caatcgctgg	atggctcttt	gcaccactca	ctcctgttct	ctgctagggc	tgctgggact	540
cacaaggggt	aggttgtggc	agctgc				566

<210> 2698

<211> 760

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(760)

<223> n = A,T,C or G

<400> 2698

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acaatcaaga	tgccatagaa	aaggctgtta	gtagaggcca	atgtttatat	aaaatatcaa	180
gttataccag	ctatcccatg	catgatttct	acagatgtca	tacttgtaac	accacagatc	240
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ctccaagcta	cccaaaaagg	aaagtggggc	natatatgtg	actccnggga	tctccnaagc	660
ctgggggtggn	tttaggcatt	accggggggg	aaagaccttt	gaaggggcca	gaagttggag	720
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<210> 2699

<211> 273

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(273)

<223> n = A,T,C or G

<400> 2699

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cannntatan	naatnttcct	ttgttttnana	tntgaccttn	ttncnntnnt	nctnttngct	180
ntntatnnac	ttnttcnaaa	nctncttngn	gtgntcngtt	ctatctatnt	atnttntntc	240
tcntttcntt	tntgnanctt	tgattntatt	tat			273

<210> 2700

<211> 334

<212> DNA

<213> Homo sapiens

<400> 2700

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gtcgcgagac	atgcactggt	ctctcctagc	tcagcggggc	cagagggacg	tcagcctcag	180
ctcactgcgc	atgctgattg	tggccgatgg	tgccaacccg	tggctgatct	cctcctgtga	240
cgccttcctc	aacgtcttcc	agtccagagg	tctgaggcca	gaggtcatct	gtccttgtgc	300
aagttctcct	gaggcgctga	cttgctcgca	tccg			334

<210> 2701

<211> 306

<212> DNA

<213> Homo sapiens

<400> 2701

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agacaaaata	gaaaagtgc	agcaagatgt	tcttaagacc	aaagagaagt	atgagaagtc	180

cctsaaggaa	ctcgaccagg	gcacacccca	gtacatggag	aacatggagc	aggtgtttga	240
gcagtgccag	cagttcgagg	agaracgcct	tcgcttyttc	cgggaggttc	tgcttgagg	300
ttcaag						306

&lt;210&gt; 2702

&lt;211&gt; 1078

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 2702

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gatagtgggtg	gggcatgcc	tccacaacga	cttcaaagcc	cttcagtact	ttcaccccaa	120
gtccctcacc	cgtgacacct	cccattmkscm	csmsctcaac	cgggaaggctg	actgcccggg	180
gaatgccacc	atgtctctga	agcatctcac	caagaagctg	ctaaaccggg	atatccaggt	240
tgggaagagc	ggacattcct	ctgtggaaga	tgcccaggcc	accatggagc	tatataagtt	300
ggttgaagtc	gagtgggaag	agcacctagc	ccggaatccc	cctacagact	agtggcartg	360
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ccccagactt	aatacccatt	gaaatttcac	ctcagggtgt	gtgtcctgtg	tctggttaag	540
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aatggtgcta	acacaggtgt	cccagggtgc	tctgtgccag	ttaagatttt	taactttcaa	660
ggggcagggc	atactgggaa	atgtagtttc	ccaaactgcc	ttatcacttg	ggtggacata	720
tgtctccttt	tatgcctttt	ggtcttgagt	aattaacagc	atcctcttcc	acgctcagaa	780
tggttctggg	tggggccagg	catggtggct	cacgcctgta	gtcccaacac	ttagggaggc	840
cgaggcgggc	ggatcacctg	agatcaggag	ttcaagacca	gcctggccaa	catggcgaat	900
tcccgttctc	tactaaaaat	acaaaaaatg	tgtgggggtg	ggtggcagga	gcctgtaatc	960
ctagctactc	aggaggctga	ggcaggagaa	tcgcttgagc	ccaggaggcg	gagattgcag	1020
tgagccgaga	tcgtgtcact	gcactccagc	ctgggtgaca	agagtggat	ccgtctcc	1078

&lt;210&gt; 2703

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(300)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2703

ccgtgggact	agggcggcga	tggtgtccca	tgacagagtc	cgctcctctg	gagtgtttga	60
gtgtgaactc	tgtacnttga	cagctccgta	cagctatgtg	ggacagaagc	cccccaacac	120
ccagtgcgat	gtgaatgcag	tttattctac	tccaagagat	tctgcctccc	ttgtgtccgg	180
gagaacatca	atgcttttcc	tcaggaaatt	cggcaagact	tggagaaaag	gaaagctcca	240
tcaaagagga	ccccagcca	gcccgtttct	cggacgtgag	tgcaactggg	gctaggtcat	300

&lt;210&gt; 2704

&lt;211&gt; 441

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(441)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2704

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cgcccttcgga	gagaggcacg	cccggcccgg	acagttcagg	ctctctcggc	tccggggagt	180
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aaatattcac	tggacaaga	cattcgagaa	aaggaagagg	caatcatgac	agaaaaccag	300
cgagggtcag	gaattacaaa	atgacctaga	ccgggaaaca	agcagtttnc	aggagctcga	360
ggctcagaaa	caggatgctc	aagaccgcct	ggnccgagatn	gaccagcaga	aggccaagct	420
ncgagacatg	ctnagcgacg	t				441

&lt;210&gt; 2705

&lt;211&gt; 439

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(439)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2705

ccgatacgag	gcaaacgggg	aagttaagca	aagaccaatt	cgcgtagct	atgtatttca	60
ttcagcagaa	ggtcagtaaa	ggcatcgacc	ctcctcaagt	cctctcgccg	gacatgggtcc	120
cgcccttcgga	gagaggcacg	cccggcccgg	acagttcagg	ctctctcggc	tccggggagt	180
ttactggcgt	gaaggagctt	gatgacatca	gtcaagagat	tgcccagtt	caaagagaga	240
aatattcact	ggaacaagac	attcgagaaa	aggaagaggc	aatcagacag	aaaaccagcg	300
aggtgcagga	attacaaaat	gacctagacc	gggaaacaag	cagtttncag	gagctcgagg	360
ctcagaaaaca	ggatgctcaa	gaccgcctgg	ncgagatnga	ccagcagaag	gccaagctnc	420
gagacatgct	nagcgacgt					439

&lt;210&gt; 2706

&lt;211&gt; 304

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 2706

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cctcgaccgc	agcaagatcc	ggtctgtggg	caagcctgct	ctagagcgct	tcctgcggag	120
acttcagggtg	ctgaagtcca	caggggatgt	ggccggaggg	cgggccctgt	acgaggggta	180
tgcaacggtc	actgatgcgc	cccccgagtg	cttcctcacc	ctcagggaca	cggtgctgct	240
gcgtaaggaa	tctcggaagc	tcattgttca	gcccaacact	crccttgaag	gctcagacgt	300
gcag						304

&lt;210&gt; 2707

&lt;211&gt; 921

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(921)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2707

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cggcaatgag	gatgactgtt	ggaatgggaa	aggcaaaagc	aggtacctgt	ttgcagtgcac	120

aggaaatgga	ttagccaacc	agggcaacaa	cccagaggtc	cagggtgaca	ccagcaaacc	180
agacatactg	atccttcgtc	aaatcatggc	tcttcgagtg	atgaccagca	agatgaagaa	240
tgcatacaat	gggaacgacg	tggacttctt	tgatatcagt	gatgaaagta	gtggagaagg	300
aagtggaagt	ggctgtgagt	atcagcagtg	cccttcagag	tttgactaca	atgccactga	360
ccatgctggg	aagagtgcc	atgagaaagc	cgacagtgct	gggtgccgtc	ctggggcaca	420
ggcctacctc	ctcactgtct	tctgcatctt	gttcctgggt	atgcagagag	agtggaagat	480
aattctcaaa	ctctgagaaa	aagtgtttca	tcaaaaagtt	aaaaggcacc	agttatcact	540
tttctaccat	cctagtgact	ttgcttttta	aatgaatgga	caacmatgta	cagtttttac	600
tatgtggccc	actggtttaa	gaagtgtga	ctttgtntc	tcattcagtt	ttgggaggaa	660
aagggaactgt	gcattgagtt	ggttccctgc	tccccaaac	catgttaaac	gtggctaaca	720
gtgtaggtac	agaactatag	ttagttgtgc	atttgtgatt	ttatcactct	attatttggt	780
tgtatgtttt	tttctcattt	cgtttgtggg	tttttttttc	caactgtgat	ctcgccctgt	840
ttcttacaag	caaaccaggg	tcccttcttg	gcacgtaaca	tgtacgtatt	tctgaaatat	900
taaatagctg	tacagaaaaa	n				921

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## INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

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(54) Title: HUMAN GENES AND GENE EXPRESSION PRODUCTS V			
(57) Abstract			
<p>This invention relates to novel human polynucleotides and variants thereof, their encoded polypeptides and variants thereof, to genes corresponding to these polynucleotides and to proteins expressed by the genes. The invention also relates to diagnostic and therapeutic agents employing such novel human polynucleotides, their corresponding genes or gene products, e.g., these genes and proteins, including probes, antisense constructs, and antibodies.</p>			



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# INTERNATIONAL SEARCH REPORT

Intern: al Application No

PCT/US 99/10602

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 6 C12N15/12 C07K14/47 C12Q1/68 C07K16/18

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 6 C07K C12Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>YEATMAN ET AL: "Identification of genetic alterations associated with the process of human experimental colon cancer liver metastasis in the nude mouse"            CLINICAL &amp; EXPERIMENTAL METASTASIS,            vol. 14, no. 3, May 1996 (1996-05), pages            246-252 252, XP002099961            ISSN: 0262-0898            the whole document</p> <p style="text-align: center;">---</p> <p style="text-align: center;">-/--</p>	1-5

☒ Further documents are listed in the continuation of box C.

☐ Patent family members are listed in annex.

### \* Special categories of cited documents:

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- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
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- "&" document member of the same patent family

Date of the actual completion of the international search

14 September 1999

Date of mailing of the international search report

22. 12. 99

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Authorized officer

van Klompenburg, W

## INTERNATIONAL SEARCH REPORT

International Application No.

PCT/US 99/10602

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	YEATMAN ET AL.: "Identification of a differentially-expressed message associated with colon cancer liver metastasis using an improved method of differential display" NUCLEIC ACIDS RESEARCH, vol. 23, no. 19, 1995, page 4007/4008 8 XP002099962 ISSN: 0305-1048 the whole document ---	1-5
X	CARMECI ET AL: "Identification of a gene (GPR30) with homolgy to the G-protein -coupled receptor superfamily associated with estrogen receptor expression in breast cancer" GENOMICS, vol. 45, no. 3, 1 November 1997 (1997-11-01), pages 607-617 17, XP002099963 ISSN: 0888-7543 the whole document ---	1-5
X	J.H.MORISSEY: "Human tissue factor gene" EMBL DATABANK, ID HSTFPB, 20 February 1989 (1989-02-20), XP002114962 the whole document ---	1-5
A	RADINSKY ET AL: "Level and function of epidermal growth factor predict the metastatic potential of human colon carcinoma cells" CLINICAL CANCER RESEARCH, vol. 1, no. 1, January 1995 (1995-01), pages 19-31 31, XP002099964 ISSN: 1078-0432 the whole document ---	1-5
A	BALDI ET AL: "Differential expression of the retinoblastoma gene family members pRb/p105, p107, and pRb2/p130 in lung cancer" CLINICAL CANCER RESEARCH, vol. 2, no. 2, July 1996 (1996-07), pages 1239-1245 45, XP002099965 ISSN: 1078-0432 the whole document -----	1-5

# INTERNATIONAL SEARCH REPORT

International application No.

PCT/US 99/ 10602

## Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:  
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:  
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☒ Claims Nos.: 11  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

## Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☒ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

1-5

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

1. Claims: 1-5

A library of polynucleotides comprising the sequence information of at least one of the sequences 1-2702.

2. claims: 6-11 all partially

The isolated nucleic acid with SeqIdNo:1, sequences with at least 90% sequence identity therewith and degenerate variants thereof, host comprising said nucleic acid, peptide encoded by said nucleic acid, antibody against said protein, vector comprising said nucleic acid.

3-2708. claims: 6-12, all partially, as far as applicable As invention 2, and when applicable, a method for detecting the differential expression of said nucleic acid, but limited respectively to the SeqIdNo:2-2707.

For the sake of conciseness, the second matter is explicitly defined, but the subject matters of inventions 3-2708 are defined by analogy thereto.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Continuation of Box 1.3

Claims Nos.: 11

The subject matter of claim 11 is not clear. A meaningful search could therefore not be performed for this claim.

The applicant's attention is drawn to the fact that claims relating to inventions in respect of which no international search report has been established need not be the subject of an international preliminary examination (Rule 66.1(e) PCT). The applicant is advised that the EPO policy when acting as an International Preliminary Examining Authority is normally not to carry out a preliminary examination on matter which has not been searched. This is the case irrespective of whether or not the claims are amended following receipt of the search report or during any Chapter II procedure.